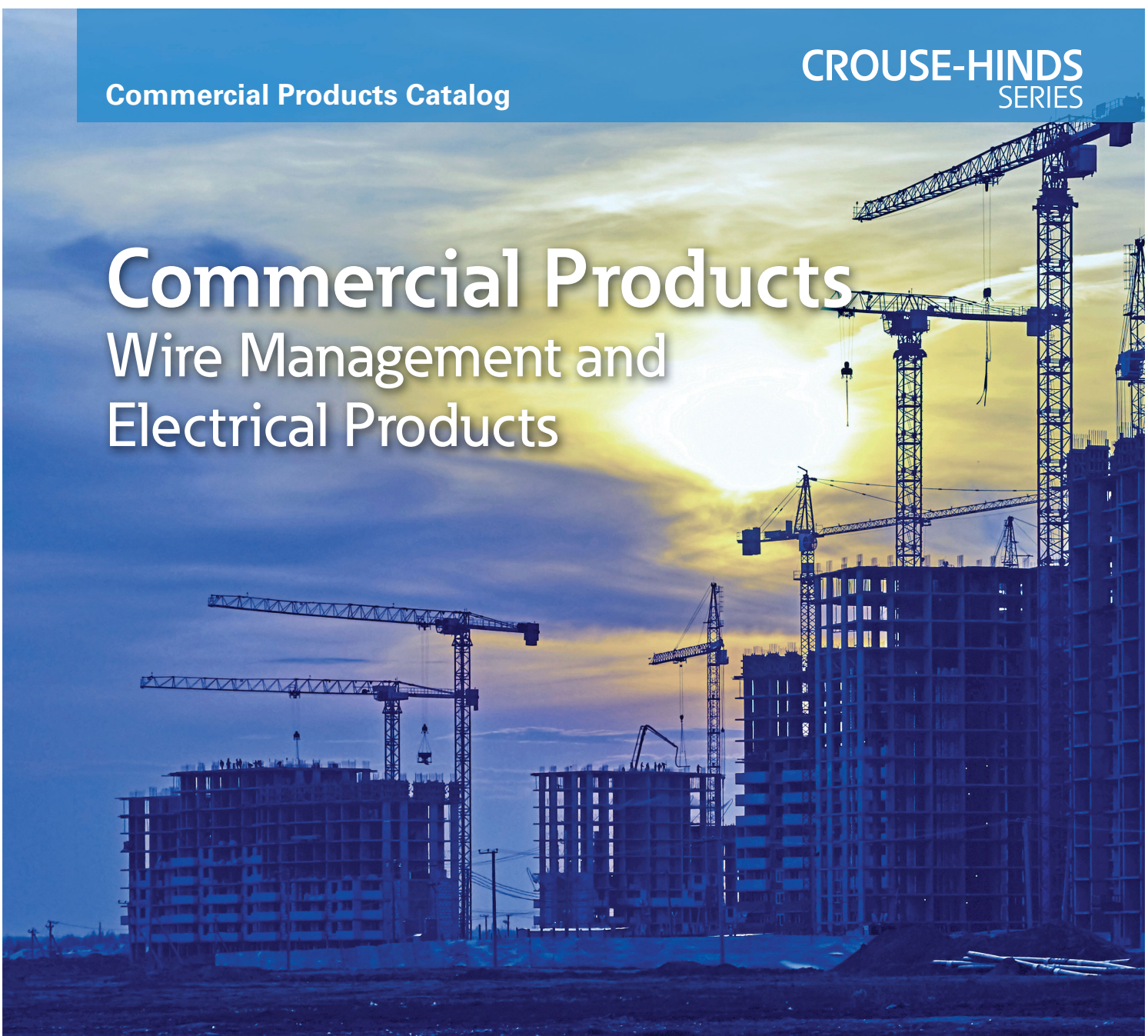


Commercial Products

Wire Management and Electrical Products





Quality, reliability, labor savings and lower installed cost.

CROUSE-HINDS SERIES

The Commercial Products portfolio of Eaton's Crouse-Hinds series delivers the quality and breadth of offering in styles and materials to meet customer requirements and preferences. With industry-leading innovation, our products deliver real customer value.

Product solutions are designed and certified to meet a wide range of customer applications and our best-in-class, global sales

and customer service teams provide local support.

Crouse-Hinds series solutions round out a complete Eaton portfolio that brings you reliable, efficient and safe electrical power management solutions.

**Expanding our products.
Expanding our thinking.
Energizing your business.**

[Eaton.com/
crousehindsseries](http://Eaton.com/crousehindsseries)

Follow us on social media to get the latest product and support information.



EATON

Powering Business Worldwide

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The product information published in our catalogs and literature is not guaranteed. It has been compiled with care and is sufficiently accurate for most purposes. It is subject to change without notice. Occasionally, it may be necessary to modify the materials, finishes or other components of the product. These changes will in no way reduce the performance or function for which the product is intended.

All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof are not guaranteed. In accordance with Eaton's Crouse-Hinds Division Terms and Conditions of Sale, and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his/her intended use and assumes all risk and liability whatsoever in connection therewith.

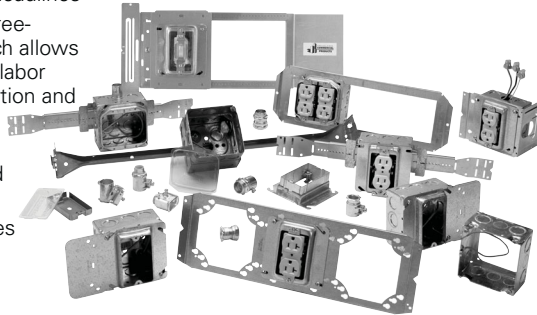
All sales of Eaton's Crouse-Hinds series products are specifically subject to the Terms and Conditions of Sale as shown on Eaton's Crouse-Hinds Division distributor price sheets.

Commercial Products

Focus Products

PRE-formance™ Pre-fabricated Assemblies

- Improve job site efficiency and safety, and properly align skilled resources to meet tight commercial construction project deadlines
- PRE-formance™ products are a three-tiered pre-fabricated solution which allows contractors to better control their labor allocation and reduce total installation and construction costs
- Designed by contractors for contractors to meet pre-fabricated requirements
- Basic - standard pre-fab assemblies
- Custom - assembled to order
- Complete - engineered solution



Quick-Lok™ Pro Connectors



- **Now available in steel!**
- For the quickest, easiest and most secure way to terminate AC/MC cable to a box or enclosure!
- Provides significant labor savings when installing metal-clad or armored cable to a steel box or enclosure
- No tools are needed for installation
- Simply insert cable or conduit into the connector and install into knockout
- Can be easily removed

Available in:

- Single connectors
- Duplex connectors
- 90 degree connectors
- Old work connectors

Liquidtight Fittings



- This broad line of Liquidtight Fittings delivers high quality and are designed to the toughest standards. Not only is this versatile line of liquidtight fittings designed for a wide range of applications, but they reduce installation time and cost.

Available in:

- Liquidator™
- Stainless steel
- Zinc die cast
- Non-metallic connectors
- Non-metallic conduit and whips
- Tubular steel
- Low profile
- Space-Saver
- LiQuik™ no disassembly
- Product of the USA

Series 5 and Form 5 Conduit Bodies

- The broadest, most complete offering of copper-free aluminum and malleable iron conduit outlet bodies on the market! The only offering rated NEMA 4 (rigid body with integral gasketed cover)!

Available in:

- Covers with integral gaskets
- X and TB configurations
- SnapPack™ with rigid bodies and integral gasketed covers



Solar Combiner & Harness Solutions



- Broadest offering of third party listed solar combiner boxes, compact combiner boxes, recombiners, pass through boxes, fuse boxes and disconnect boxes
- Solar combiner boxes, recombiners, fuse boxes and disconnect boxes are rated for 600V, 1000V and 1500V*
- Available with a number of options, including: factory supplied fuses, integral disconnect switches up to 600A, surge protection, DC string monitoring, pre-wired connectors and whips to match customer needs and provide the highest material and labor savings
- Complete offering of fully engineered wiring harnesses. Available in customizable shipping configurations.



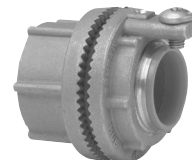
Also available is a full range of high quality, durable and secure solar accessories:

- Solar cable ties
- Solar clips
- Solar cord grips
- Solar lay-in grounding lugs
- Solar cable assemblies



*Consult factory on 1500V version.

Myers™ Hubs



- Myers is the industry leader and is unparalleled in selection, capability and dependability. In addition to being the most recognized brand of hub on the market, Myers offers larger stainless hub trade sizes, aluminum hubs, ATEX approved hubs, cap-offs, drains and more!

New Products & Tools

New Products

Eaton is committed to a continual flow of new products that deliver real value to end customers. With global reach, our offering continues to grow, focusing on the products needed to meet local requirements.

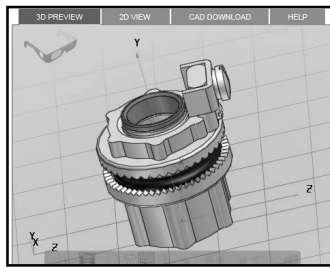
We've introduced hundreds of new products over the last several years and have another roster full in process!



Engineering & Specifier Tools

At Eaton's Crouse-Hinds Division, our goal is to be the leading provider of information and resources to our customers. That's why we offer customers our **CoSPEC online 3D Drawing Catalog**, which offers the ability to select and view Crouse-Hinds series products in 2D and 3D.

With a couple of clicks, you can download design content in one of nearly 100 different CAD, BIM, PDMS and graphics formats. File format outputs are native to the chosen software, which eliminates translation errors and speeds the integration of the content into your project. For specification and design support, visit www.crouse-hinds.com/cospec.



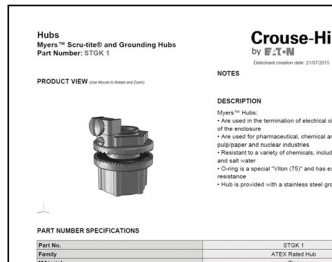
Solar Combiner Configuration

Configurators and catalog number generators dramatically reduce quote and order lead times through the engineering design process. The Solar Combiner Configurator enables the specification of available product options to build an Eaton's Crouse-Hinds series catalog number for quotes and orders. For specification and design support, visit www.crouse-hinds.com/cospec.



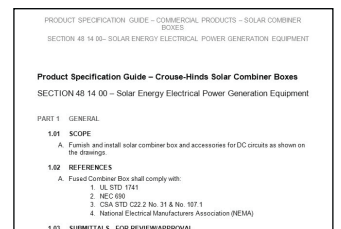
SKU-level Submittal Sheets

Dynamic PDFs with both SKU-level specification data and key family specs. Features a custom text area for unique info such as project name, fixture type and an embedded, rotatable 3D drawing. For specification and design support, visit www.crouse-hinds.com/cospec.



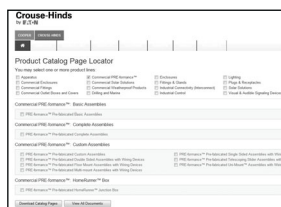
Specification Guide Forms

If it has been a while since your customers have last updated their spec library, we can help optimize the safety, reliability and efficiency of their design requirements with our specification guide forms (written to CSI guidelines). For specification and design support, visit www.crouse-hinds.com/cospec.



Catalog Page Locator

Need to download catalog pages fast? Our catalog page locator tool allows you to select multiple catalog pages and download in one zipped file, simplifying the creation of submittal packages. For specification and design support, visit www.crouse-hinds.com/cospec.



Mobile Training Experience

Eaton's Crouse-Hinds Division's fully interactive trailer is on a nationwide tour to meet increasing demand for electrical safety training. The trailer, which is filled with a comprehensive array of end-to-end electrical systems, will provide training for electrical contractors. Visit us at www.crouse-hinds.com/mobiletraining



Technical Information

Compliances & Third Party Certifications

Compliances & Third Party Certifications:

The products described in this catalog are of the highest possible quality. Eaton's Crouse-Hinds series products have been tested and field proven in a wide variety of applications. Products are designed and manufactured to meet or exceed (in numerous products), multiple worldwide standards.

- The designs of Eaton's Crouse-Hinds series products are original and proprietary. Some are patented.
- The product information in this catalog, though current at the catalog printing, is subject to improvements and modifications. Due to the breadth of our product offering with regard to the design, materials, components and the variations of these products available to our customers, it is impractical to adequately identify third party certification of all items in this publication.
- Product improvements and other developments may, at times, affect third party approval of testing laboratories such as Underwriters Laboratories, the Canadian Standards Association, Factory Mutual and others. The purchaser should determine the suitability of the product for his or her application, including third party certifications.
- Eaton's Crouse-Hinds series products are designed to meet or exceed the performance requirements of applicable standards. Where the term "compliances" is used in this catalog in conjunction with a UL/CSA standard number, it identifies the criteria which have governed the design and company testing of the products listed on that page.
- The term "compliances" is not to be construed to mean that the products have been listed by UL or CSA. Such listing is a matter of independent record signified by product marking, carton marking or other approved means.
- The individual product offerings in this catalog comply with the national and third party standards identified under the "Certifications and Compliances" sections. To obtain specific third party approval information for these products, contact Eaton's Crouse-Hinds Division customer service department or the applicable agency.

Worldwide Testing Authorities

Country	Testing Authority
USA	Underwriters Laboratories
USA	Factory Mutual
USA	ETL
Canada	Underwriters Laboratories
Canada	CSA
Mexico	ANCE
Denmark	DEMKO
Russia	TREV-R
Kazakhstan	TREV-K

NEMA Standard FB1 Compliance:

NEMA Standard FB1 covers fittings that are part of electrical raceway and cable system designed for use as intended by the requirements of NFPA70. Specifically it covers fittings for use with non-flexible tubular raceways - Rigid and Intermediate Metal Conduit (IMC) and EMT. FB1 also covers fittings for use with flexible raceways and cable.

Eaton's Crouse-Hinds series conduit and cable fittings falling within the scope of NEMA FB1 satisfy the requirements of that standard.

Statement of Accuracy:

The information published in this catalog and other literature has been compiled with great care and is sufficiently accurate for most purposes, but is not guaranteed. All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. This catalog and the products contained within is subject to change without notice. The purchaser should determine the suitability of the product for his or her application and assumes all risk and liability whatsoever in connection therewith.

Technical Information

NEC & IEC Ratings

Enclosure Type:

NEMA, CEC and NEC Types

A North American system of rating standard levels of protection provided to electrical apparatus by enclosures for (1) the protection of persons against contact with live or moving parts inside the enclosure; (2) the protection provided by enclosure against ingress of solids and/or liquids; (3) the protection provided by the enclosure against the deleterious effects of corrosion; and (4) the protection provided by the enclosure against damage due to the formation of external ice.

Typical NEMA, CEC and NEC types of enclosures are listed below:

NEMA Classification	User Benefits
Type 3 Enclosures	are intended for outdoor use primarily to provide a degree of protection against dust, rain, sleet and external formation.
Type 3R Enclosures	are intended for outdoor use primarily to provide a degree of protection against falling rain and external ice formation (these enclosures may be ventilated).
Type 4 Enclosures	are intended for indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water, hose-directed water and external ice formation.
Type 4X Enclosures	are intended for indoor or outdoor use primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose-directed water and external ice formation.
Type 6P Enclosures	are intended for indoor or outdoor use primarily to provide a degree of protection against the entry of water during prolonged submersion at a limited depth.
Type 12 Enclosures	are intended for indoor use primarily to provide a degree of protection against dust falling dirt, and dripping non-corrosive liquids.

Degree of Protection (IP):

The Ingress Protection (IP) System of Enclosure Protection originated under the IEC system. However, it is now widely accepted and used in North America.

It is a system of rating standard levels of protection provided by apparatus for the protection of persons against contact with live or moving parts inside the apparatus, as well as the protection provided by apparatus against ingress of solids and/or liquids.

The chart below shows ingress protection codes:

First Numeral Protection Against Solid Bodies	Second Numeral Protection Against Liquid
0 – No Protection	0 – No Protection
1 – Objects Equal to or Greater than 50mm	1 – Vertically Dripping Water
2 – Objects Equal to or Greater than 12.5mm	2 – 75 to 105° Angled Dripping Water
3 – Objects Equal to or Greater than 2.5mm	3 – Spraying Water
4 – Objects Equal to or Greater than 1.0mm	4 – Splashing Water
5 – Dust-protected	5 – Water Jets
6 – Dusttight	6 – Heavy Seas, Powerful Water Jets
	7 – Effects of Immersion
	8 – Indefinite Immersion

i.e. An enclosure rated IP68 is rated to exclude dust (dusttight) and rated for indefinite immersion.

Technical Information

Materials and Finishes

Materials and Finishes:

Eaton's Crouse-Hinds Division offers products of numerous types of materials with numerous finishes to have an offering to meet virtually all preferences and applications. The information below summarizes some of the most commonly used materials and finishes. The information below is provided for convenience and reference. For information relating to materials and finishes for a particular product or product family, consult the specific catalog page.

Material Selection Chart

Match the material to the description to find the material most suited to your application.

Material							
Characteristics	Iron	Zinc Alloy	Aluminum Alloy	Stainless Steel	Mild Steel	Non-Metallic	Copper Alloy
Strength	Medium	Medium	Medium	High	Medium	Low	Low
Corrosion Resistance	Medium	High	High	High	Medium	High	Medium
Weight	Medium	Medium	Low	Medium	Medium	Low	High
Heat Resistance	High	Low	Medium	High	High	Low	High

Performance Range

Product Family	Low Range	Medium Range	High Range
Strength*	<25,000	25,000 - 65,000	>65,000
Corrosion Resistance	N/A	Coating meets UL requirements if applicable	No protective coating needed
Weight†	<.100	.100 - .300	>.300
Heat Resistance**	<800°	800 - 2000°	>2000°

*Raw material strength (PSI).

†Raw material density (lb/cubic inch).

**Raw material melting temp. (F)

Standard Finishes:

Zinc Electroplate:

- Electrolytically deposited zinc plating

Electrogalvanized and Zinc Mechanical Plating:

- Applied to steel parts
- Finished with aluminum acrylic paint on all cast Feraloy® iron alloy products unless otherwise specified

Zinc Chromate Primer and Aluminum Acrylic Paint:

- Applied to certain ferrous castings and steel parts

Hot Dip Galvanize:

- Zinc plate by dipping in molten zinc

Natural Finish:

- Unplated, unpainted (non-ferrous metals only)

Epoxy Powder Coat:

- Powdered epoxy finish is applied electrostatically, resulting in a tough, durable coating. Powder epoxy finish has many advantages over enamel, lacquer, aluminum paint or epoxy paint. Powder epoxy finish has superior adhesion. Coating over the entire casting is uniform, even in hidden crevices. Electrostatic application reduces galvanic action.

Technical Information

Materials & Finishes

Product Family	Material						
	Iron	Zinc Alloy	Aluminum Alloy	Stainless Steel	Mild Steel	Non-metallic	Copper Alloy
EMT							
EMT Traditional		•			•		
EMT Space-Saver					•		
EMT Raintight		•			•		
EMT Combination Couplings		•			•		
EMT Conduit Products & Pull Elbows		•			•		
EMT Accessories					•		
Rigid / IMC							
Rigid Fittings	•				•		
Rigid Couplings	•				•		
Rigid Three-Piece Couplings	•				•		
Rigid Conduit Products (Elbows, Couplings, Nipples)			•	•			
Moguls			•				
Rigid Pull Elbows	•	•					
Bushings (Grounded & Non-grounded)	•	•				•	
Rigid Clamps & Accessories	•	•			•	•	
Locknuts	•	•	•	•	•	•	
Conduit Bodies							
Series 5			•				
Form 5	•						
Stainless Steel				•			
Hubs							
Myers™ Hubs		•	•	•			
Commercial Hubs		•					
MHUB & Space-Saver HUB	•						
Liquidtight Fittings	•	•	•	•	•	•	
Cord Grips	•		•		•	•	
AC/MC/FMC Fittings	•	•			•		
ACB					•		
Quick-Lok™ Pro		•			•		
Accessories					•	•	

Technical Information

Materials & Finishes

Product Family	Material						
	Iron	Zinc Alloy	Aluminum Alloy	Stainless Steel	Mild Steel	Non-metallic	Copper Alloy
Non-Metallic Sheathed Cable Fittings		•			•		
Service Entrance Fittings & Straps	•	•	•				
Grounding							
Clamps & "Acorns"		•					•
Lugs			•				•
FS-FD Boxes & Covers	•			•			
VXF Junction Box & Covers				•			
Hot Dip Galvanized Fittings	•						
Product of the USA					•		
Outlet Boxes & Covers					•		
Switch Boxes					•	•	
PRE-formance™							
Basic					•		
Custom					•		
Complete					•		
HomeRunner™ Boxes					•		
Weatherproof							
Boxes			•			•	
Covers			•		•	•	
Vaporproof Lighting			•			•	
Enclosures / Expansion Joints							
W-Series Junction Boxes	•						
Fiberglass Enclosures						•	
Expansion Joints	•		•				
Bonding Jumpers							•
Solar							
Combiner, Recombiner & Disconnect Boxes				•	•	•	
Pass Through Boxes						•	
Cable Assemblies							•
Accessories				•	•	•	

Technical Information

Installation Instructions Reference Guide

Instructions on the installation and maintenance of our products can be found in the Resources section at www.crouse-hinds.com.

Product	IF Number
Type XJ Expansion Joints	IF 343
CG Series Fittings	IF 513A
CG Series Fittings	IF 1099
Attestation of Conformity - Conduit Hub	IF 1461
Type XJ Expansion Joints - 5" and 6"	IF 1469
Assembly-Free XJG	IF 1508
PRE-formance™ Assemblies	IF 1591
Solar Combiner Solutions	IF 1598
PRE-formance™ Complete	IF 1609
Solar Combiner Service Manual	IF 1624
MSB Bracketed Boxes	IF 1625
Solar Recombiner	IF 1637
Solar Recombiner Service Manual	IF 1638
Solar Combiner Replacement Parts Kit	IF 1650
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Thin Wall Conduit Fittings (for EMT Conduit)

Set Screw Type Fittings – Steel

EMT Fittings

SET SCREW TYPE FITTINGS

Features:

- Tri-head screws may be installed using a slotted, Phillips or Robertson head screwdriver
- Male hub threads – NPSM
- Steel locknuts
- Heavy steel walls
- Standard material: steel
- Standard finish: zinc plated
- Concrete tight when taped

Straight Connectors – Insulated

UL File No. E-22132



1450

1456



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1450	1/2"	50	9
1451	3/4"	25	14
1452	1"	20	23
1453*	1 1/4"	10	46
1454*	1 1/2"	10	50
1455*	2"	5	78
1456*†	2 1/2"	2	130
1457*†	3"	1	140
1458*†	3 1/2"	1	180
1459*†	4"	1	225

*Two tightening screws.

†UL and cUL Listed for EMT, IMC and rigid conduit.

Straight Connectors – Non-insulated

UL File No. E-22132



450S

456



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
450S	1/2"	50	9
451	3/4"	25	15
452	1"	20	23
453*	1 1/4"	10	46
454*	1 1/2"	10	50
455*	2"	5	77
456*†	2 1/2"	2	130
457*†	3"	1	140
458*†	3 1/2"	1	180
459*†	4"	1	225

*Two tightening screws.

†UL and cUL Listed for EMT, IMC and rigid conduit.

Couplings

UL File No. E-22132



460

466



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
460	1/2"	50	9
461	3/4"	25	16
462	1"	20	23
463*	1 1/4"	10	42
464*	1 1/2"	10	50
465*	2"	5	77
466*†	2 1/2"	2	130
467*†	3"	1	140
468*†	3 1/2"	1	240
469*†	4"	1	250

*Four tightening screws.

†UL and cUL Listed for EMT, IMC and rigid conduit.

Available in 7 Colors

Painted EMT Fittings are available in seven colors to accommodate a wide range of circuit identification. Typical applications for using color for identification include: fire alarm circuits, low voltage, intrinsically safe circuits, voice and data, and additional voltages. In addition to circuit identification, these can also be used in architectural design to better match look and feel to architectural specifications and preference.



Red

White

Blue

Yellow

Orange

Green

Black

Part Number Example:

450SGreen

Non-insulated Set Screw Connector		Color
1/2"	450S	Red
3/4"	451	White
1"	452	Blue
1 1/4"	453	Yellow
1 1/2"	454	Orange
2"	455	Green
2 1/2"	456	Black
3"	457	
3 1/2"	458	
4"	459	

To order, simply add the name of the color needed after the catalog number.

Thin Wall Conduit Fittings (for EMT Conduit)

Set Screw Type Fittings – Space-Saver

SPACE-SAVER EMT SET SCREW CONNECTORS – STEEL

Applications:

- Used to join EMT conduit to box or enclosure

Features:

- Male threads on locknut allow for more room inside the box
- Smooth pulling surface won't strip cable – no bushing or insulated throat required
- Angled teeth on locknut bite into enclosure, preventing loosening from vibration and creating positive ground continuity
- Knurled wrenching surface for easy tightening
- Zinc electroplated for corrosion resistance

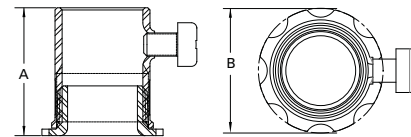
SET SCREW CONNECTOR

- Tri-head set screw may be installed using a slotted, Phillips or Robertson head screwdriver

Certifications and Compliances:

- UL and cUL Listed, File No. E-22132
- UL Standard 514B
- Certified by UL to CSA Standard C22.2 No. 18
- Concrete tight when taped

UL File No. E22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100	A	B
SSBC50	1/2"	100	8	1.17	1.14
SSBC75	3/4"	50	12	1.47	1.36
SSBC100	1"	25	12	1.57	1.76

Standard Material:

- Body and nut – steel

Standard Finish:

- Steel – zinc electroplate



A **Male threads** on locknuts thread into the body for a low profile, secure fit – consuming minimal space on the inside of the box or enclosure

B **Smooth pulling surface** on locknuts eliminates the need for plastic bushings and ensures the integrity of wiring during pulling

C **Angled teeth on locknuts** bite into the enclosure, preventing loosening from vibration and creating positive ground continuity

Thin Wall Conduit Fittings (for EMT Conduit)

Set Screw Type Fittings – Zinc Die Cast

EMT Fittings

SET SCREW TYPE FITTINGS – ZINC DIE CAST

Features:

- Tri-head set screw may be installed using a slotted, Phillips or Robertson head screwdriver
- Concrete tight when taped
- Threadless

Standard Material:

- Zinc

Standard Finish:

- Natural

Straight Connectors – Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1450DC	1/2"	50	5
1451DC	3/4"	25	8
1452DC	1"	25	11
1453DC*	1 1/4"	10	20
1454DC*	1 1/2"	10	25
1455DC*	2"	5	37
1456DC*†	2 1/2"	12	59
1457DC*†	3"	12	78
1458DC*†	3 1/2"	6	101
1459DC*†	4"	6	120

*Two tightening screws.
†UL and cUL Listed for EMT, IMC and rigid conduit.

Straight Connectors – Non-insulated

UL File No. E-22132

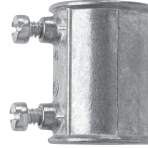


Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
450DC	1/2"	50	5
451DC	3/4"	25	7
452DC	1"	25	11
453DC*	1 1/4"	10	21
454DC*	1 1/2"	10	25
455DC*	2"	5	36
456DC*†	2 1/2"	12	58
457DC*†	3"	12	77
458DC*†	3 1/2"	6	98
459DC*†	4"	6	117

*Two tightening screws.
†UL and cUL Listed for EMT, IMC and rigid conduit.

Couplings

UL File No. E-22132

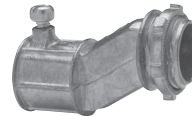


Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
460DC	1/2"	50	5
461DC	3/4"	25	7
462DC	1"	20	13
463DC*	1 1/4"	10	18
464DC*	1 1/2"	10	28
465DC*	2"	5	36
466DC*†	2 1/2"	12	64
467DC*†	3"	12	81
468DC*†	3 1/2"	6	98
469DC*†	4"	6	116

*Four tightening screws.
†UL and cUL Listed for EMT, IMC and rigid conduit.

Offset Connectors – Non-insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
2400	1/2"	10	11
2401	3/4"	10	18
2402	1"	10	25

Thin Wall Conduit Fittings (for EMT Conduit)

Compression Type Fittings – Steel

COMPRESSION TYPE FITTINGS – STEEL

Applications:

Thin wall conduit fittings are used:

- To join EMT to a box or enclosure
- To couple two ends of EMT conduit

Features:

- Compression type
- Threadless
- Male hub threads – NPSM
- Steel locknuts
- Heavy steel walls
- Standard material: steel
- Standard finish: zinc plated

Concrete Tight Straight Connectors – Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1650	1/2"	50	11
1651	3/4"	25	16
1652	1"	25	25
1653	1 1/4"	10	43
1654	1 1/2"	10	54
1655	2"	5	76
1656	2 1/2"	2	190
1657	3"	1	300
1658	3 1/2"	1	330
1659	4"	1	360

Straight Connectors – Non-insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
650S	1/2"	50	9
651S	3/4"	25	16
652	1"	25	25
653	1 1/4"	10	43
654	1 1/2"	10	54
655	2"	5	76
656	2 1/2"	2	190
657	3"	1	300
658	3 1/2"	1	280
659	4"	1	360

Couplings

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
660S	1/2"	50	12
661S	3/4"	25	18
662	1"	25	27
663	1 1/4"	10	46
664	1 1/2"	10	63
665	2"	5	92
666	2 1/2"	2	250
667	3"	1	410
668	3 1/2"	1	390
669	4"	1	485

Available in 7 Colors

Painted EMT Fittings are available in seven colors to accommodate a wide range of circuit identification. Typical applications for using color for identification include: fire alarm circuits, low voltage, intrinsically safe circuits, voice and data, and additional voltages. In addition to circuit identification, these can also be used in architectural design to better match look and feel to architectural specifications and preference.



Part Number Example:

650SGreen

Non-insulated Straight Connector		Color
1/2"	650S	Red
3/4"	651S	White
1"	652	Blue
1 1/4"	653	Yellow
1 1/2"	654	Orange
2"	655	Green
2 1/2"	656	Black
3"	657	
3 1/2"	658	
4"	659	

To order, simply add the name of the color needed after the catalog number.

Thin Wall Conduit Fittings (for EMT Conduit)

Compression Type Fittings – Space-Saver

EMT Fittings

SPACE-SAVER EMT COMPRESSION CONNECTORS – STEEL

Applications:

- Used to join EMT conduit to box or enclosure

Features:

- Male threads on locknut allow for more room inside the box
- Smooth pulling surface won't strip cable – no bushing or insulated throat required
- Angled teeth on locknut bite into enclosure, preventing loosening from vibration and creating positive ground continuity
- Knurled wrenching surface for easy tightening
- Zinc electroplated for corrosion resistance

COMPRESSION CONNECTOR

- The split compression ring assures solid attachment to the conduit and positive ground continuity
- The hex surface on the compression nut provides easy wrenching to quickly and easily tighten the nut

Certifications and Compliances:

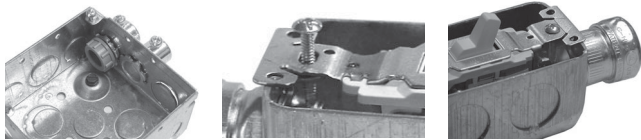
- UL and cUL Listed, File No. E-22132
- UL Standard 514B
- Certified by UL to CSA Standard C22.2 No. 18
- Concrete tight when taped

Standard Material:

- Body and nut – steel

Standard Finish:

- Steel – zinc electroplate

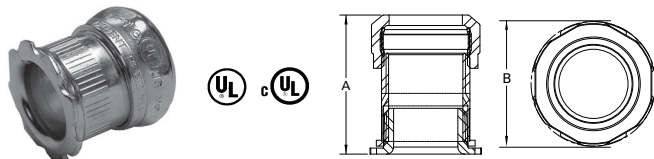


The Space-Saver EMT Connector provides maximum usable space inside the box unlike a traditional connector with bushing.

Traditional EMT connector protrudes inside box and creates the cumbersome and labor intensive need to clip the device mounting screw to install device.

The Space-Saver EMT Connector's low profile design eliminates this cumbersome and labor intensive requirement.

UL File No. E22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100	A	B
SSC50	1/2"	50	8	1.38	1.15
SSC75	3/8"	25	12	1.55	1.36
SSC100	1"	25	12	1.75	1.76

SPACE-SAVER EMT RAIN-TIGHT COMPRESSION CONNECTORS – STEEL

Applications:

- Used to join EMT conduit to box or enclosure – third party certified to more stringent requirements for raintight applications

Features:

- The only Space-Saver EMT Compression Connector UL Listed raintight
- Male threads on the locknut maximize space in box or enclosure and provide a smooth pulling surface, eliminating the need for a bushing or insulated throat fitting
- Angled teeth on locknut bite into enclosure, preventing loosening from vibration
- No disassembly of the gland nut is required for installation of the conduit
- Knurled wrenching surface on body for easy tightening
- Hex shaped gland nut allows for easy wrenching, providing a fast, tight application
- Distinct black gland nut allows inspectors to tell at a glance that the fitting is raintight and suitable for use outdoors
- Gasket seals installation for raintight connection between box and the connector

Certifications and Compliances:

- UL and cUL Listed, File No. E-22132
- UL Standard 514B
- Certified by UL to CSA Standard C22.2 No. 18
- Listed raintight
- Concrete tight

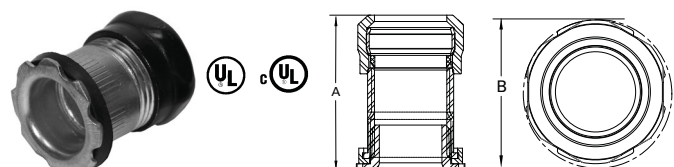
Standard Materials:

- Body and nut – steel
- Gasket – rubber

Standard Finishes:

- Body – zinc electroplate
- Nut – painted black
- Gasket – natural

UL File No. E22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100	A	B
SSRT50	1/2"	50	13	1.58	1.15
SSRT75	3/8"	25	18	1.70	1.38
SSRT100	1"	25	26	1.94	1.76

Thin Wall Conduit Fittings (for EMT Conduit)

Compression Type Fittings – Raintight

COMPRESSION TYPE FITTINGS – RAINTIGHT CONNECTORS

Applications:

- Used to join EMT conduit to a box or enclosure in raintight environments
- The design prevents water seepage into conduit, box or enclosure

Features:

- All steel construction with zinc electroplate finish provides for durable corrosion resistance
- Flat surface on gland nut provides smooth, flat surface for easy wrenching
- Distinct black gland nut provides quick raintight identification
- Integral gasketed compression ring secures and seals for reliable installation
- Interior shoulder conduit stop provides positive seating of conduit inside the body
- Gasket on male threads of box connector seals installation for raintight connection between the box and the connector
- Available in insulated and non-insulated versions to meet any customer preference
- Angled teeth on locknut for secure bite into enclosure
- Extruded locknut with shoulder provides more threads for more secure installation
- Concrete tight
- Threadless
- Standard material: steel
- Standard finish: zinc plated

Certifications and Compliances:

- UL Listed
- cUL Listed
- Concrete tight
- Raintight

Straight Connectors – Insulated – Raintight

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1650RT	1/2"	50	11
1651RT	3/4"	25	17
1652RT	1"	25	23
1653RT	1 1/2"	10	41
1654RT	1 1/2"	10	50
1655RT	2"	5	67
1656RT	2 1/2"	2	177
1657RT	3"	1	234
1658RT	3 1/2"	1	330
1659RT	4"	1	360

Straight Connectors – Non-insulated – Raintight

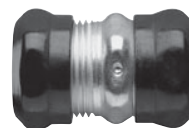
UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
650RT	1/2"	50	11
651RT	3/4"	25	17
652RT	1"	25	23
653RT	1 1/4"	10	41
654RT	1 1/2"	10	50
655RT	2"	5	67
656RT	2 1/2"	2	177
657RT	3"	1	234
658RT	3 1/2"	1	280
659RT	4"	1	360

Couplings – Raintight

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
660RT	1/2"	50	14
661RT	3/4"	25	21
662RT	1"	25	28
663RT	1 1/4"	10	49
664RT	1 1/2"	10	60
665RT	2"	5	79
666RT	2 1/2"	2	187
667RT	3"	1	245
668RT	3 1/2"	1	390
669RT	4"	1	485

Thin Wall Conduit Fittings (for EMT Conduit)

Push-in EMT Raintight Fittings – Zinc Die Cast

EMT Fittings

PUSH-IN EMT RAIN TIGHT FITTINGS – ZINC DIE CAST

Applications:

- Used to join EMT conduit to a box or enclosure in raintight environments
- Design prevents water seepage into conduit, box or enclosure

Features:

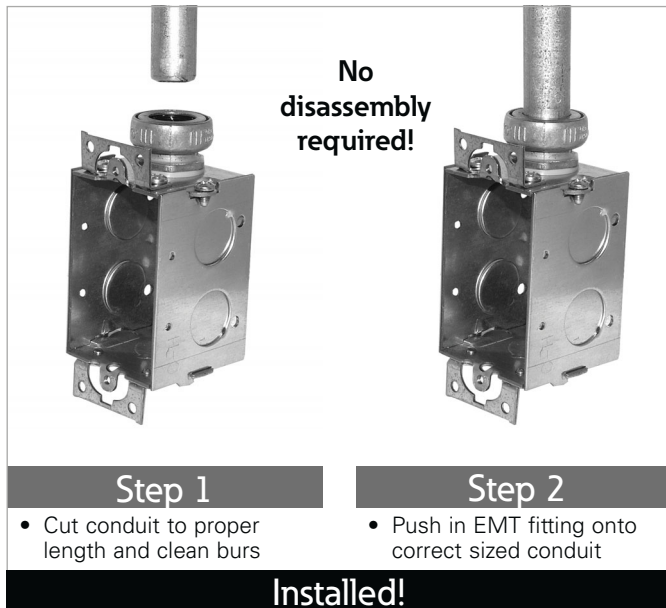
- Fast installation; fittings push onto the EMT conduit without the use of any tools or additional labor
- No disassembly required
- Available in 1/2" and 3/4" trade sizes for both connectors and couplings
- Available in insulated and non-insulated versions to meet customer preference
- Raintight listed
- Concrete tight
- Patented design

Certifications and Compliances:

- UL and cUL Listed, File No. E-22132

Standard Materials and Finishes:

- Body – zinc die cast, natural
- Gasket – neoprene



Straight Connectors – Non-insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
650RTQ	1/2"	50	10.1
651RTQ	3/4"	25	13.4

Straight Connectors – Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1650RTQ	1/2"	50	10.1
1651RTQ	3/4"	25	13.4

Couplings

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
660RTQ	1/2"	50	13.1
661RTQ	3/4"	25	16.9

Thin Wall Conduit Fittings (for EMT Conduit)

Compression Type Fittings – Zinc Die Cast

COMPRESSION TYPE FITTINGS – ZINC DIE CAST

Features:

- The split compression ring assures solid attachment to the conduit and good ground continuity
- The hex surfaces on the compression nut provide for easy wrenching to quickly and easily tighten the nut
- Concrete tight
- Threadless

Standard Material:

- Zinc

Standard Finish:

- Natural

Straight Connectors – Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1650DC	1/2"	50	8
1651DC	3/4"	25	11
1652DC	1"	15	17
1653DC	1 1/4"	10	31
1654DC	1 1/2"	10	39
1655DC	2"	5	56
1656DC	2 1/2"	12	93
1657DC	3"	12	120
1658DC	3 1/2"	6	149
1659DC	4"	6	172

Straight Connectors – Non-insulated

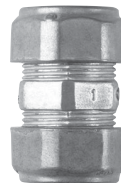
UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
650DC	1/2"	50	8
651DC	3/4"	25	11
652DC	1"	15	17
653DC	1 1/4"	10	31
654DC	1 1/2"	10	39
655DC	2"	5	56
656DC	2 1/2"	12	93
657DC	3"	12	120
658DC	3 1/2"	6	149
659DC	4"	6	172

Couplings

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
660DC	1/2"	50	11
661DC	3/4"	25	16
662DC	1"	15	22
663DC	1 1/4"	10	40
664DC	1 1/2"	10	48
665DC	2"	5	64
666DC	2 1/2"	12	124
667DC	3"	12	144
668DC	3 1/2"	6	190
669DC	4"	6	228

Thin Wall Conduit Fittings (for EMT Conduit)

Combination Couplings

EMT Fittings

COMBINATION COUPLINGS – STEEL

Standard Material:

- Steel

Standard Finish:

- Zinc plated

EMT (Set Screw) to Rigid (Set Screw)

UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
420	1/2" - 1/2"	25	17
421	3/4" - 3/4"	20	25
422	1" - 1"	10	37

COMBINATION COUPLINGS – STEEL

Concrete Tight

EMT (Compression) to Rigid (Threaded)

UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
690S	1/2" - 1/2"	25	9
691	3/4" - 3/4"	20	13
692	1" - 1"	10	19

COMBINATION COUPLINGS – ZINC DIE CAST

EMT (Set Screw) to FMC (Clamp)

UL File No. E-19189



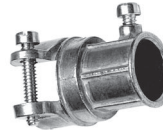
Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
780DC	1/2" - 3/8"	50	8

FLEXIBLE METALLIC COMBINATION COUPLINGS – ZINC DIE CAST

Set Screw Squeeze Type

EMT (Set Screw) to FMC (Clamp)

UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
FECS38DC	1/2" - 3/8"	50	34
FECS50DC	1/2" - 1/2"	25	22
FECS75DC	3/4" - 3/4"	25	36

Compression Coupling

EMT (Compression) to FMC (Screw-in)

UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
FECC50DC	1/2" - 1/2"	50	41
FECC75DC	3/4" - 3/4"	25	31
FECC100DC	1" - 1"	25	46

Thin Wall Conduit Fittings (for EMT Conduit)

Combination Couplings

ACC SERIES COMBINATION COUPLINGS – STEEL

Applications:

- Used to join EMT conduit to armoured cable, metal-clad cable or flexible metallic conduit

Features:

- Dual gripping saddle design on the coupling safely secures cable or conduit in place and prevents loosening from vibration
- Steel compression ring and nut provide a strong, secure termination point for EMT conduit
- #2 tri-head set screw may be installed using a slotted, Phillips or Robertson head screwdriver
- Steel combination coupling is zinc electroplated for corrosion resistance

Certifications and Compliances:

- UL Listed
- cUL Listed

Standard Materials and Finishes:

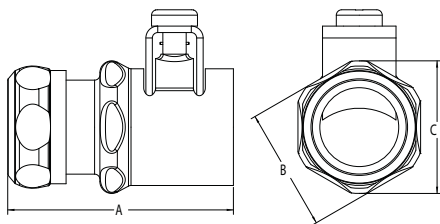
- Body – steel, zinc electroplated
- Saddle – steel, zinc electroplated
- Screw – steel, zinc electroplated

Compression Coupling AC/MC, FMC to EMT



Cat. #	Trade Size	Cable Opening		Unit Qty.	Wt. Lbs. Per 100
		Max.	Min.		
ACC38	3/8" - 1/2"	0.656	0.437	25	10
ACC50	1/2" - 3/4"	0.937	0.750	10	13
ACC75	3/4" - 1"	1.125	0.906	10	16

Dimensions (in Inches):



Cat. #	A	B	C
ACC38	1.65	1.05	1.13
ACC50	2.09	1.14	1.23
ACC75	2.15	1.30	1.39

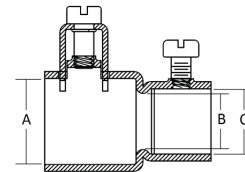
Set Screw Coupling:



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
ACCSS38*	3/8" - 1/2"	25	9
ACCSS50	1/2" - 3/4"	10	12
ACCSS75	3/4" - 1"	10	14

*Not UL Listed.

Dimensions (in Inches):



Cat. #	A		B		C	
	Min.	Max.	Min.	Max.	Min.	Max.
ACCSS38	0.615	0.645	N/A	N/A	0.712	0.730
ACCSS50	0.925	0.955	0.560	0.620	0.712	0.730
ACCSS75	1.110	1.140	0.742	0.813	0.930	0.942

Thin Wall Conduit Fittings (for EMT Conduit)

EMT Elbows

Applications:

- Elbow “sweeps” are used to make a 45° or 90° bend between two lengths of thin wall or EMT conduit

Features:

- Curvature of the conduit is used to fit specific locations and/or make turns or change directions
- Concrete tight when taped
- Made of steel and zinc plated for corrosion resistance

Certifications and Compliances:

- UL Listed
- cUL Listed

UL File No. E-25501



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
90 Degree Elbow			
EL5090	1/2"	50	30
EL7590	3/4"	50	49
EL10090	1"	20	84
EL12590	1 1/4"	20	152
EL15090	1 1/2"	10	196
EL20090	2"	10	288
EL25090	2 1/2"	1	484
EL30090	3"	1	701
EL35090	3 1/2"	1	1076
EL40090	4"	1	1285
45 Degree Elbow			
EL5045	1/2"	50	20
EL7545	3/4"	50	33
EL10045	1"	35	61
EL12545	1 1/4"	30	126
EL15045	1 1/2"	15	155
EL20045	2"	15	227
EL25045	2 1/2"	1	390
EL30045	3"	1	515
EL35045	3 1/2"	1	756
EL40045	4"	1	1097

Thin Wall Conduit Fittings (for EMT Conduit)

Pulling Elbows, Straps, Clamps, Clampbacks/Spacers

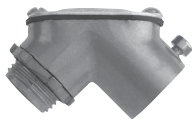
90 DEGREE PULLING ELBOWS – ZINC DIE CAST

Applications:

- To connect EMT to form a 90° bend, or to connect EMT to box or enclosure
- Removable cover and gasket facilitate wire pulling

EMT to Box

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
850EB DC	1/2"	20	17
875EB DC	3/4"	15	24
8100EB DC	1"	6	54
8125EB DC	1 1/4"	3	80

EMT to EMT

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
850EE DC	1/2"	20	15
875EE DC	3/4"	15	22
8100EE DC	1"	6	52
8125EE DC	1 1/4"	3	80

CLAMPBACKS/SPACERS – MALLEABLE IRON

Applications:

- Provides space between conduit and mounting surface

Standard Materials:

- Stamped steel – 1/2" to 1 1/2"
- Malleable iron – 2" to 6"

Standard Finish:

- Zinc plated

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
CB1*	1/2"	25	8
CB2*	3/4"	25	10
CB3*	1"	25	12
CB4*	1 1/4"	25	21
CB5*	1 1/2"	25	42
CB6	2"	10	40
CB7	2 1/2"	10	49
CB8	3"	10	62
CB9	3 1/2"	10	91
CB10	4"	10	110
CB11†	5"	5	135
CB12†	6"	5	225

*Stamped steel.
†Not UL Listed.

STRAPS – STEEL GALVANIZED Two Hole

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
497 1	1/2"	250	2
497 2	3/4"	150	3
497 3	1"	100	5
497 4	1 1/4"	50	8
497 5	1 1/2"	50	13
497 6	2"	25	14
496 9	2 1/2"	25	19
496 10	3"	25	23
496 11	3 1/2"	25	93
496 12	4"	10	108

CLAMPS – MALLEABLE IRON

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
516*	2 1/2"	5	104
517*	3"	2	120
518*	3 1/2"	2	150
519*	4"	2	220

*Also for use with rigid/IMC conduit.

CLAMPS – STEEL

Applications:

- To support EMT conduit to mounting surface

Heavy Gauge

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
200	1/2"	100	5
201	3/4"	100	6
202	1"	100	6
203	1 1/4"	50	13
204	1 1/2"	25	17
205	2"	25	20
206*	2 1/2"	25	64
207*	3"	25	71
208*	3 1/2"	10	120
209*	4"	10	130

*Not UL Listed.

Thin Wall Conduit Fittings (for EMT Conduit)

Nailing Straps – Steel

EMT Fittings

NAILING STRAPS – CAST STEEL

Applications:

- To secure EMT conduit, flexible metallic conduit, armoured cable and metal-clad cable to mounting surface

Standard Material:

- Cast steel

Standard Finish:

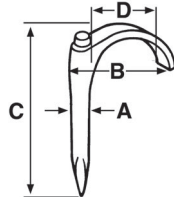
- Zinc plated



Cat. #	Conduit Sizes		Wt. Lbs. Per 100
	EMT	Rigid	
NS 1	1/2"	3/8"	2
NS 2	3/4"	1/2"	2
NS 3	1"	3/4"	3

Dimensions (in Inches):

Cat. #	A	B	C	D
NS 1	3/16	1	1 7/8	3/4
NS 2	3/4	1 1/4	2	15/16
NS 3	3/16	1 1/2	2 1/2	1 1/8



NAILING STRAPS – STAMPED STEEL

Applications:

- To secure EMT conduit

Certifications and Compliances:

- UL File No. E-184283

Standard Material:

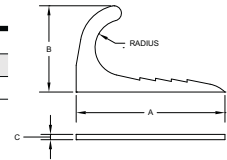
- Pre-galvanized stamped steel



Cat. #	Conduit Sizes		Unit Qty.	Wt. Lbs. Per 100
	EMT	Rigid		
NSS1	1/2"	3/8"	100	2
NSS2	3/4"	1/2"	100	2
NSS3	1"	3/4"	100	3

Dimensions (in Inches):

Cat. #	A	B	C	Radius
NSS1	2.100	1.040	0.080	0.350
NSS2	2.300	1.275	0.080	0.460
NSS3	2.200	1.500	0.080	0.580



Rigid/Intermediate Grade Conduit Fittings

Compression Fittings – Type CPR

TYPE CPR COMPRESSION FITTINGS

Applications:

Use type CPR compression fittings for:

- Both IMC and metallic rigid conduit
- New work in poured concrete
- Maintenance, repairs and alterations
- Connections at panels and boxes
- New, altered or damaged stub-ups
- Applicable locations where field threading is impractical or undesirable

Features:

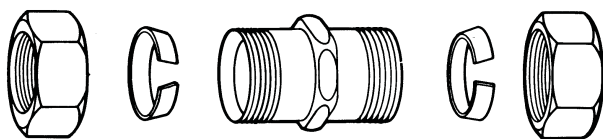
- UL Listed for use with IMC as well as metallic rigid conduit
- Unequaled versatility for the installer
- Unique gland ring design tightens up in fewer turns; provides outstanding pull-out strength; saves time and adds confidence
- Advanced, thoughtful design and premium materials team up for an installation you can be proud of
- Concrete tight
- Threadless

Certifications and Compliances:

- UL/cUL Listed
- UL514B Fittings for Conduit and Outlet Boxes

Standard Materials:

- Bodies – malleable iron
- Compression nuts – iron
- Compression rings – zinc plated steel
- Locknuts – zinc plated steel
- Insuliners – nylon



Straight Connectors – Non-insulated

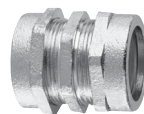
UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
CPR1	1/2"	50	19
CPR2	3/4"	25	23
CPR3	1"	10	42
CPR4	1 1/4"	10	64
CPR5	1 1/2"	5	87
CPR6	2"	5	113
CPR7	2 1/2"	2	130
CPR8	3"	1	220
CPR9	3 1/2"	1	280
CPR10	4"	1	320

Couplings

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
CPR21	1/2"	25	26
CPR22	3/4"	20	38
CPR23	1"	10	59
CPR24	1 1/4"	5	85
CPR25	1 1/2"	5	124
CPR26	2"	2	162
CPR27	2 1/2"	2	220
CPR28	3"	1	320
CPR29	3 1/2"	1	380
CPR30	4"	1	440

Straight Connectors – Insulated

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
CPR11	1/2"	50	19
CPR12	3/4"	25	23
CPR13	1"	10	42
CPR14	1 1/4"	10	64
CPR15	1 1/2"	5	87
CPR16	2"	5	113
CPR17	2 1/2"	2	130
CPR18	3"	1	220
CPR19	3 1/2"	1	280
CPR20	4"	1	320

Rigid/Intermediate Grade Conduit Fittings

Set Screw Type Fittings – Malleable, Steel, Zinc Die Cast

Rigid Fittings

SET SCREW TYPE FITTINGS – MALLEABLE, STEEL, ZINC DIE CAST

Standard Materials:

- Malleable – 1/2" - 2", 5", 6"
- Steel – 2 1/2" - 4"
- Zinc die cast – 2 1/2" - 4"

Straight Connectors – Insulated

UL File No. E-19189



150S



1456



Cat. # Malleable/Steel	Cat. # Zinc Die Cast	Size	Unit Qty.	Wt. Lbs. Per 100
150S		1/2"	50	16
151		3/4"	25	27
152		1"	5	40
153		1 1/4"	10	50
154		1 1/2"	5	76
155*		2"	2	110
1456*	1456DC*	2 1/2"	2	210†
1457*	1457DC*	3"	1	282†
1458*	1458DC*	3 1/2"	1	380†
1459*	1459DC*	4"	1	400†
1601*		5"	1	850
1611*		6"	1	1100

*Two tightening screws.

†Wt. lbs. per 100 for malleable only. See EMT section for applicable steel EMT information. 1456-1459 and 1456DC-1459DC are UL and cUL Listed for EMT, rigid and IMC conduit.

Couplings

UL File No. E-19189



160



466



Cat. # Malleable/Steel	Cat. # Zinc Die Cast	Size	Unit Qty.	Wt. Lbs. Per 100
160		1/2"	25	27
161		3/4"	20	40
162		1"	5	52
163		1 1/4"	10	70
164		1 1/2"	5	104
165*		2"	2	160
466*	466DC*	2 1/2"	2	300†
467*	467DC*	3"	1	400†
468*	468DC*	3 1/2"	1	500†
469*	469DC*	4"	1	600†
170C*		5"	1	1500
171C*		6"	1	1800

*Four tightening screws.

†Wt. lbs. per 100 for malleable only. See EMT section for applicable steel EMT information. 466-469 and 466DC-469DC are UL and cUL Listed for EMT, rigid and IMC conduit.

Straight Connectors – Non-insulated

UL File No. E-19189



150P



456



Cat. # Malleable/Steel	Cat. # Zinc Die Cast	Size	Unit Qty.	Wt. Lbs. Per 100
150P		1/2"	50	16
151P		3/4"	25	26
152P		1"	5	40
153P		1 1/4"	10	50
154P		1 1/2"	5	76
155P		2"	2	110
456*	456DC*	2 1/2"	2	210†
457*	457DC*	3"	1	281†
458*	458DC*	3 1/2"	1	380†
459*	459DC*	4"	1	400†
160P*		5"	1	850
161P*		6"	1	1100

*Two tightening screws.

†Wt. lbs. per 100 for malleable only. See EMT section for applicable steel EMT information. 456-459 and 456DC-459DC are UL and cUL Listed for EMT, rigid and IMC conduit.

Rigid/Intermediate Grade Conduit Fittings Concrete Tight

Set Screw Type Fittings – Raintight (SSR Series)

SET SCREW TYPE FITTINGS – RAIN TIGHT

Applications:

Rainboot™ Connectors and Couplings are used with rigid conduit for IMC, steel or aluminum. Outdoors or indoors. Use Rainboot fittings for:

- Conduit systems expansion and alterations
- Maintenance and repair operations
- New, altered or damaged stub-ups
- Connections at panels and boxes
- Embedment in concrete
- Installations in tight quarters: near corners, walls, ceilings, overhangs, obstacles or adjacent raceways
- Situations where threading equipment or heavy pipe wrenches are impractical
- Conduit systems in NEC wet locations

Features:

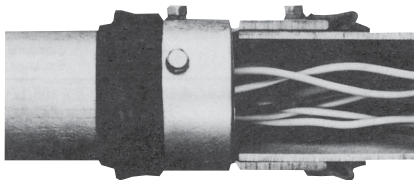
- The only line of rigid/IMC threadless fittings suitable for raintight applications
- The only alternative to field threading in NEC wet locations
- May be installed in any position
- Tough and durable, long-lasting, trouble-free installations
- Requires only a 3/8" wrench for installation
- Full line – 1/2" through 2"
- Faster, easier method to install raintight rigid/IMC raceway systems

Certifications and Compliances:

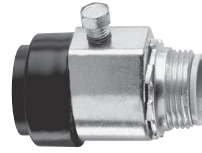
- Constructed in accordance but not listed to UL514B

Standard Materials:

- Bodies
Connectors – 1/2" - 2": malleable
Couplings – 1/2" - 2": malleable
- Boots – injection molded PVC attached with special epoxy
- Set screws – hardened steel coated with special sealing resin compound



Straight Connectors – Insulated



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
SSR11	1/2"	20	20
SSR12	3/4"	20	30
SSR13	1"	20	40
SSR14	1 1/4"	5	64
SSR15	1 1/2"	5	85
SSR16	2"	4	97

Straight Connectors – Non-insulated



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
SSR1	1/2"	20	21
SSR2	3/4"	20	23
SSR3	1"	20	40
SSR4	1 1/4"	5	64
SSR5	1 1/2"	5	85
SSR6*	2"	4	96

*Two tightening screws.
For sealing at enclosure, use Type SG sealing gaskets.

Couplings



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
SSR21	1/2"	20	31
SSR22	3/4"	20	45
SSR23	1"	5	64
SSR24	1 1/4"	5	86
SSR25	1 1/2"	4	116
SSR26†	2"	4	165

†Four tightening screws.

Rigid/Intermediate Grade Conduit Fittings

Split Conduit Couplings & Combination Couplings

Rigid Fittings

SPLIT CONDUIT COUPLINGS

Applications:

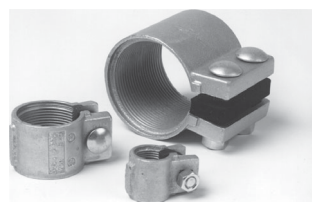
- Provides a quick and easy method of joining two pieces of threaded rigid or IMC conduit

Features:

- Concrete tight
- Suitable for use in Class I, Division 2 areas

Standard Materials:

- Body – ductile iron
- Clamping hardware – electrogalvanized steel
- Gasket – neoprene



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
TCC1	1/2"	10	39
TCC2	3/4"	10	45
TCC3	1"	10	68
TCC4	1 1/4"	5	82
TCC5	1 1/2"	5	116
TCC6	2"	5	111
TCC7	2 1/2"	2	283
TCC8	3"	2	323
TCC9	3 1/2"	1	395
TCC10	4"	1	506
TCC12	5"	1	944
TCC14	6"	1	1218

COMBINATION COUPLINGS – STEEL

Concrete Tight

EMT (Compression) to Rigid (Threaded)

UL File No. E-19189



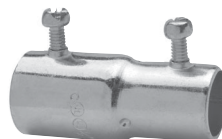
Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
690S	1/2" - 1/2"	25	9
691	3/4" - 3/4"	20	13
692	1" - 1"	10	19

COMBINATION COUPLINGS – ZINC PLATED STEEL

Concrete Tight

EMT (Set Screw) to Rigid (Set Screw)

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
420	1/2" - 1/2"	25	17
421	3/4" - 3/4"	20	25
422	1" - 1"	10	37

COMBINATION COUPLINGS – MALLEABLE IRON

Flexible Steel (Squeeze Type) to Rigid (Threaded)

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
65	1/2" - 1/2"	10	17
66	3/4" - 3/4"	10	22
67	1" - 1"	5	31
68	1 1/4" - 1 1/4"	5	31

Rigid/Intermediate Grade Conduit Fittings

Conduit Couplings

THREE-PIECE CONDUIT COUPLINGS – MALLEABLE IRON

Applications:

- Used to join two lengths of threaded conduit; couples conduit when conduit cannot be turned

Features:

- NPSM threads

Standard Materials:

- Heavy duty casting
- Malleable iron

Standard Finish:

- Zinc plated

Options:

Description

- Hot dip galvanized **Suffix HDG**

Malleable Iron (Concrete Tight)

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
190M	1/2"	25	23
191	3/4"	25	35
192	1"	10	60
193	1 1/4"	5	91
194	1 1/2"	5	167
195	2"	5	215
196	2 1/2"	2	430
197	3"	1	463
198	3 1/2"	1	655
199	4"	1	800
188	5"	1	1200
189	6"	1	2100

NO DISASSEMBLY RAIN-TIGHT THREE-PIECE CONDUIT COUPLINGS – STEEL

Applications:

- Used to join two lengths of rigid and IMC conduit together in applications where conduit cannot be turned
- Unique design allows for a quick and easy install which translates into labor savings when compared with traditional fittings

Features:

- Manufactured out of steel to provide mechanical protection and solid grounding of one conduit to another
- Zinc electroplated design which protects against corrosion in damp locations
- No disassembly design which allows for the pairing of two pieces of conduit without the hassle of taking apart the fitting; conduit is input on each end of the coupling and the locknut is tightened down to provide quick and easy raintight seal
- Neoprene rubber o-ring which prevents against the penetration of water or moisture
- RoHS compliant

Standard Materials:

- Body and gland nut – steel
- O-ring – neoprene rubber

Standard Finish:

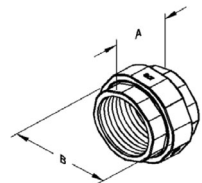
- Zinc electroplated



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
190RTQ	1/2"	125	23
191RTQ	3/4"	100	29
192RTQ	1"	64	48
193RTQ	1 1/4"	48	65
194RTQ	1 1/2"	32	97
195RTQ	2"	24	138

Dimensions (in Inches):

Cat. #	A	B
190RTQ	1 7/16	1 5/8
191RTQ	1 11/16	1 9/16
192RTQ	1 3/4	1 15/16
193RTQ	1 3/4	2 5/16
194RTQ	1 13/16	2 13/16
195RTQ	2 1/16	3 5/16



Rigid/Intermediate Grade Conduit Fittings

Conduit Couplings

Rigid Fittings

RIGID CONDUIT COUPLINGS – STEEL

Applications:

- Used to join two lengths of threaded rigid or IMC conduit; can be used in both indoor and outdoor applications

Standard Material:

- Galvanized steel

UL File No. E-25501



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
RC50	1/2"	10	12
RC75	3/4"	10	18
RC100	1"	10	29
RC125	1 1/4"	5	38
RC150	1 1/2"	5	52
RC200	2"	5	69
RC250	2 1/2"	2	181
RC300	3"	1	220
RC350	3 1/2"	1	377
RC400	4"	1	298
RC500	5"	1	477
RC600	6"	1	684

RIGID CONDUIT COUPLINGS – ALUMINUM

Applications:

- Used to join two lengths of threaded rigid or IMC conduit; can be used in both indoor and outdoor applications

Features:

- Lightweight
- Easy to install
- Corrosion-resistant

Standard Material:

- Aluminum

UL File No. E-324286



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
RC50SA	1/2"	50	6
RC75SA	3/4"	50	9
RC100SA	1"	50	13
RC125SA	1 1/4"	50	19
RC150SA	1 1/2"	50	23
RC200SA	2"	20	35
RC250SA	2 1/2"	12	68
RC300SA	3"	12	91
RC350SA	3 1/2"	12	108
RC400SA	4"	12	142
RC500SA	5"	1	242
RC600SA	6"	1	320

Rigid/Intermediate Grade Conduit Fittings

Rigid Elbows

RIGID ELBOWS – STEEL

Applications:

- Used in conjunction with rigid couplings (catalog numbers RC50-RC400) to make a 45° or 90° bend between two lengths of threaded rigid or IMC conduit

Features:

- Curvature of the conduit is used to fit specific locations and/or make turns or change directions in the installation
- Can be used in both indoor and outdoor applications, offering the customer increased flexibility
- Made of steel and galvanized for corrosion resistance

Certifications and Compliances:

- UL Listed
- cUL Listed

Standard Material:

- Steel

UL File No. E-25501



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
90 Degree Elbow			
RLB5090	1/2"	50	76
RLB7590	3/4"	50	113
RLB10090	1"	20	197
RLB12590	1 1/4"	20	312
RLB15090	1 1/2"	10	440
RLB20090	2"	10	660
RLB25090	2 1/2"	1	1180
RLB30090	3"	1	1650
RLB35090	3 1/2"	1	2700
RLB40090	4"	1	3300
45 Degree Elbow			
RLB5045	1/2"	50	70
RLB7545	3/4"	50	103
RLB10045	1"	25	161
RLB12545	1 1/4"	20	236
RLB15045	1 1/2"	15	306
RLB20045	2"	10	470
RLB25045	2 1/2"	1	800
RLB30045	3"	1	1301
RLB35045	3 1/2"	1	1601
RLB40045	4"	1	2101

RIGID ELBOWS – ALUMINUM

Applications:

- Used in conjunction with rigid couplings (catalog numbers RC50SA-RC400SA) to make a 45° or 90° bend between two lengths of threaded rigid or IMC conduit

Features:

- Curvature of the conduit is used to fit specific locations and/or make turns or change directions in the installation
- Can be used in both indoor and outdoor applications, offering the customer increased flexibility
- Corrosion-resistant
- Lightweight and easy to install

Certifications and Compliances:

- UL Listed
- cUL Listed

Standard Material:

- Aluminum

UL File No. E-324286



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
90 Degree Elbow			
RLB5090SA	1/2"	10	26
RLB7590SA	3/4"	10	36
RLB10090SA	1"	10	63
RLB12590SA	1 1/4"	10	101
RLB15090SA	1 1/2"	10	140
RLB20090SA	2"	10	230
RLB25090SA	2 1/2"	1	408
RLB30090SA	3"	1	641
RLB35090SA	3 1/2"	1	893
RLB40090SA	4"	1	1114
RLB50090SA	5"	1	2472
RLB60090SA	6"	1	3872
45 Degree Elbow			
RLB5045SA	1/2"	10	22
RLB7545SA	3/4"	10	31
RLB10045SA	1"	10	54
RLB12545SA	1 1/4"	10	86
RLB15045SA	1 1/2"	10	119
RLB20045SA	2"	10	196
RLB25045SA	2 1/2"	1	347
RLB30045SA	3"	1	545
RLB35045SA	3 1/2"	1	759
RLB40045SA	4"	1	947
RLB50045SA	5"	1	2101
RLB60045SA	6"	1	3291

Rigid/Intermediate Grade Conduit Fittings

Mogul Pulling Elbows

MOGUL PULLING ELBOWS – DIE CAST COPPER-FREE ALUMINUM

Rigid Fittings

Applications:

- Used as a chamber for containing heavy duty conductors
- For use as a chamber for containing a 90° turn in large stiff conductors to change conductor direction or to enter buildings
- For use as a pull box for pulling large conductors
- For use as a chamber for making splices and taps
- Can be used as an accessible opening to accommodate future changes of the system

Features:

- Large dome cover permits easy, straight through pull
- Dimension from center line of back hub to bushing of end hub exceeds six times the trade diameter of the conduit
- Tapered threads provide easy assembly, tight construction
- Heavy duty machine screws for cover
- Cover gasket provides long, dependable service and protection against the elements, such as fuel, oil and water
- Smooth design and finish make handling easy and complement any construction job
- Body and cover: die cast copper-free aluminum
- Gasket: fuel-, oil- and water-resistant flex seal

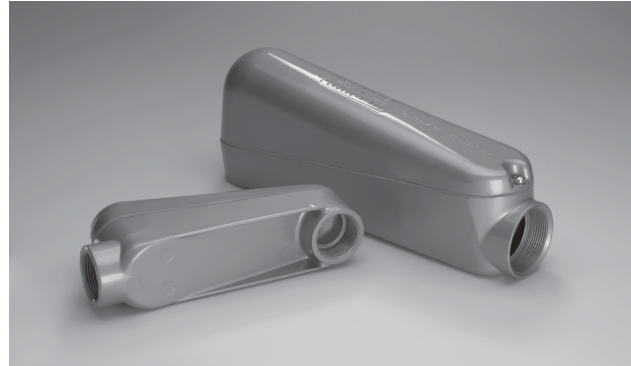
Certifications and Compliances:

- UL Standard 514A
- NEC: Article 314
- CSA C22.2 No. 18
- CEC: 22.1

Standard Finish:

- Corrosion-resistant metallic paint

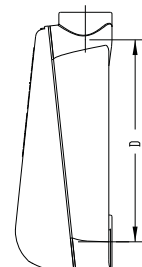
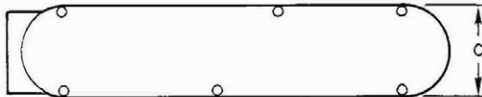
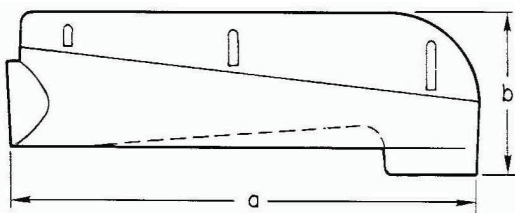
UL File No. E-15022



Mogul Pulling Elbows facilitate wire pulling in 90° bends to allow changes in conductor direction. The pulling elbows can also be used to allow conductor entrance into buildings. With the smooth finish and large dome cover, wires can be easily pulled through without compromising the wire insulation. The gasketed cover creates a raintight chamber and the copper-free aluminum construction provides increased corrosion resistance, making the mogul pulling elbow ideal for any outdoor application.

Cat. #	Size	Dimensions				Max. Wire Size	Max. No. of Conductors	Unit Qty.	Wt. Lbs. Per 100
		A	B	C	D				
LBNEC3	1"	9 ²¹ / ₃₂ "	3 ¹⁷ / ₃₂ "	2 ¹ / ₂ "	7 ¹ / ₂ "	2 AWG	4 #3	2	146
LBNEC4	1 ¹ / ₄ "	9 ²¹ / ₃₂ "	3 ¹⁷ / ₃₂ "	2 ¹ / ₂ "	7 ¹ / ₂ "	2 AWG	3 #2	2	132
LBNEC5	1 ¹ / ₂ "	14 ¹⁷ / ₃₂ "	5 ¹³ / ₃₂ "	3 ¹ / ₈ "	12 ¹ / ₂₀ "	250 kcmil	3 #1/0	1	258
LBNEC6	2"	14 ¹⁷ / ₃₂ "	5 ¹³ / ₃₂ "	3 ¹ / ₈ "	12 ¹ / ₂₀ "	250 kcmil	3 #4/0	1	230
LBNEC7	2 ¹ / ₂ "	22"	7 ¹¹ / ₃₂ "	4 ¹ / ₂ "	18 ⁹ / ₃₂ "	500 kcmil	300 kcmil	1	1003
LBNEC8	3"	22"	7 ¹¹ / ₃₂ "	4 ¹ / ₂ "	18 ⁹ / ₃₂ "	500 kcmil	500 kcmil	1	938
LBNEC9	3 ¹ / ₂ "	28 ²⁷ / ₃₂ "	8 ¹⁵ / ₁₆ "	5 ¹ / ₂ "	24 ¹ / ₈ "	900 kcmil	500 kcmil	1	2158
LBNEC10	4"	28 ²⁷ / ₃₂ "	8 ¹⁵ / ₁₆ "	5 ¹ / ₂ "	24 ¹ / ₈ "	900 kcmil	500 kcmil	1	2060

Dimensions (in Inches):



Rigid/Intermediate Grade Conduit Fittings

90 Degree Pull Elbows

90 DEGREE PULL ELBOWS – MALLEABLE IRON

Features:

- Raintight
- Furnished with neoprene gasketed steel cover
- Furnished with steel locknut
- Furnished with stamped steel cover
- Threaded for rigid conduit and IMC
- For outdoor use
- Standard finish: zinc plated

Gasketed – Rigid to Box (Male to Female)

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
810	1/2"	20	34
811	3/4"	10	56
812	1"	5	88
813	1 1/4"	2	92
814	1 1/2"	2	200
815	2"	1	344

Rigid to Rigid (Female to Female)

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
820	1/2"	20	36
821	3/4"	10	49
822	1"	5	94
823	1 1/4"	2	140
824	1 1/2"	2	200
825	2"	1	344

90 DEGREE PULL ELBOWS – ZINC DIE CAST

Applications:

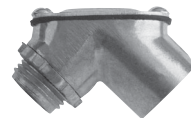
- For connecting threaded rigid or IMC to form a 90° bend, or for connecting rigid or IMC to box or enclosure
- Removable cover and gasket facilitate wire pulling

Standard Materials:

- Body – zinc
- Gasket – neoprene
- Cover – aluminum

Gasketed – Rigid to Box (Male to Female)

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
850RB DC	1/2"	20	17
875RB DC	3/4"	15	25
8100RB DC	1"	6	53
8125RB DC	1 1/4"	3	80

Rigid to Rigid (Female to Female)

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
850RR DC	1/2"	20	15
875RR DC	3/4"	15	23
8100RR DC	1"	6	50
8125RR DC	1 1/4"	3	80

Combo EMT – Rigid/IMC

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
850MT DC	1/2"	20	15
875MT DC	3/4"	15	23
8100MT DC	1"	6	50
8125MT DC	1 1/4"	3	80

Rigid/Intermediate Grade Conduit Fittings

Insulating & Throat Bushings

Rigid Fittings

THROAT BUSHINGS – MALLEABLE IRON

Threaded 105°C Rated Plastic Throat Liner

UL File No. E-19189



Insulated

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1031	1/2"	100	3
1032	3/4"	100	4
1033	1"	50	7
1034	1 1/4"	50	15
1035	1 1/2"	10	19
1036	2"	20	22
1037	2 1/2"	10	44
1038	3"	10	54
1039	3 1/2"	5	72
1040	4"	5	95
1041	5"	1	100
1042	6"	1	127

Threadless 105°C Rated Plastic Throat Liner

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
S1031	1/2"	100	3
S1032	3/4"	100	4
S1033	1"	50	7
S1034	1 1/4"	50	15
S1035	1 1/2"	10	19
S1036	2"	20	22
S1037	2 1/2"	10	44
S1038	3"	10	54
S1039	3 1/2"	5	72
S1040	4"	5	95
S1041	5"	1	100
S1042	6"	1	127

INSULATED THROAT BUSHINGS – MALLEABLE IRON

Features:

- Plastic liner will not chip, crack, swell or shrink; it resists corrosion, chemicals and temperature extremes

Standard Materials:

- Body – malleable iron
- Insuliner – ULTEM1000 rated at 150°C

Standard Finish:

- Body – zinc plated

Threaded 150°C Rated

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
H1031	1/2"	100	6
H1032	3/4"	100	8
H1033	1"	50	11
H1034	1 1/4"	50	14
H1035	1 1/2"	10	17
H1036	2"	20	24
H1037	2 1/2"	10	51
H1038	3"	10	62
H1039	3 1/2"	5	85
H1040	4"	5	104
H1041	5"	1	130
H1042	6"	1	167

INSULATED THROAT BUSHINGS

Threadless 150°C Rated Set Screw Type

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
HS1031	1/2"	100	6
HS1032	3/4"	100	7
HS1033	1"	50	10
HS1034	1 1/4"	50	13
HS1035	1 1/2"	10	15
HS1036	2"	20	21
HS1037	2 1/2"	10	42
HS1038	3"	10	51
HS1039	3 1/2"	5	65
HS1040	4"	5	80
HS1041	5"	1	100
HS1042	6"	1	128

Rigid/Intermediate Grade Conduit Fittings

Insulated Bushings

INSULATED THROAT BUSHINGS – ZINC DIE CAST

Features:

- Threaded

150°C Rated – Zinc Die Cast

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
H1031DC	1/2"	100	2
H1032DC	3/4"	100	3
H1033DC	1"	50	5
H1034DC	1 1/4"	50	7
H1035DC	1 1/2"	20	9
H1036DC	2"	10	11
H1037DC	2 1/2"	10	27
H1038DC	3"	5	33
H1039DC	3 1/2"	5	39
H1040DC	4"	2	46

NON-INSULATED THROAT BUSHINGS – ZINC DIE CAST

Features:

- Used with locknut to terminate threaded rigid conduit or IMC to enclosure
- Threaded



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1031DC	1/2"	100	2
1032DC	3/4"	100	3
1033DC	1"	50	5
1034DC	1 1/4"	50	7
1035DC	1 1/2"	20	9
1036DC	2"	10	10
1037DC	2 1/2"	10	26
1038DC	3"	5	32
1039DC	3 1/2"	5	37
1040DC	4"	2	43

Rigid Fittings

NON-INSULATED THROAT BUSHINGS – MALLEABLE IRON

Features:

- Used with locknut to terminate threaded rigid conduit or IMC to enclosure
- Threaded



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1031NI	1/2"	100	3
1032NI	3/4"	100	4
1033NI	1"	50	7
1034NI	1 1/4"	50	15
1035NI	1 1/2"	10	19
1036NI	2"	20	22
1037NI	2 1/2"	10	44
1038NI	3"	10	54
1039NI	3 1/2"	5	72
1040NI	4"	5	95

INSULATING BUSHINGS

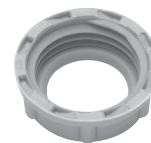
Features:

- Threaded

Standard Material:

- Plastic

UL File No. E-19189



Cat. # Rated 105°C	Cat. # Rated 150°C	Size	Unit Qty.	Wt. Lbs. Per 100
931	H 931	1/2"	50	1
932	H 932	3/4"	50	1
933	H 933	1"	50	2
934	H 934	1 1/4"	50	3
935	H 935	1 1/2"	25	3
936	H 936	2"	25	4
937	H 937	2 1/2"	10	8
938	H 938	3"	10	10
939	H 939	3 1/2"	5	11
940	H 940	4"	5	11
941		5"	5	40
942		6"	5	42

Rigid/Intermediate Grade Conduit Fittings

Grounding Bushings

INSULATED THROAT GROUNDING BUSHINGS – MALLEABLE IRON

Applications:

- For use on threaded rigid/IMC conduit to provide a means of grounding conduit through an insulated bushing

105°C Rated Plastic Throat Liner Aluminum Lug – for Copper or Aluminum Grounding Conductors – Threaded

UL File No. E-6225



Cat. #	Size	Lug Size	Unit Qty.	Wt. Lbs. Per 100
GLL1	1/2"	#4 - #14	50	5
GLL2	3/4"	#4 - #14	50	9
GLL3	1"	#4 - #14	50	12
GLL4	1 1/4"	#4 - #14	25	19
GLL4 10	1 1/4"	#1/0 - #8	25	23
GLL5	1 1/2"	#4 - #14	10	24
GLL5 10	1 1/2"	#1/0 - #8	10	28
GLL6	2"	#4 - #14	10	26
GLL6 10	2"	#1/0 - #8	10	32
GLL7	2 1/2"	#1/0 - #8	10	53
GLL7 30	2 1/2"	#3/0 - #6	10	60
GLL7 250	2 1/2"	250MCM - #6	10	67
GLL8	3"	#1/0 - #8	5	70
GLL8 30	3"	#3/0 - #6	5	72
GLL8 250	3"	250MCM - #6	5	76
GLL9	3 1/2"	#3/0 - #6	1	100
GLL9 250	3 1/2"	250MCM - #6	1	100
GLL10	4"	#3/0 - #6	1	110
GLL10 250	4"	250MCM - #6	1	120
GLL11	5"	#3/0 - #6	1	140
GLL11 250	5"	250MCM - #6	1	143
GLL12	6"	#3/0 - #6	1	160
GLL12 250	6"	250MCM - #6	1	163

105°C Rated Plastic Throat Liner Copper Lug – for Copper Grounding Conductors – Threaded

UL File No. E-6225



Cat. #	Size	Lug Size	Unit Qty.	Wt. Lbs. Per 100
GLL1C	1/2"	#4 - #14	50	8
GLL2C	3/4"	#4 - #14	50	12
GLL3C	1"	#4 - #14	50	14
GLL4C	1 1/4"	#4 - #14	25	19
GLL4 10C	1 1/4"	#1/0 - #8	25	30
GLL5C	1 1/2"	#4 - #14	10	21
GLL5 10C	1 1/2"	#1/0 - #8	10	32
GLL6C	2"	#4 - #14	10	29
GLL6 10C	2"	#1/0 - #8	10	40
GLL7C	2 1/2"	#1/0 - #8	10	65
GLL7 30C	2 1/2"	#3/0 - #6	10	88
GLL7 250C	2 1/2"	250MCM - #6	10	97
GLL8C	3"	#1/0 - #8	5	77
GLL8 30C	3"	#3/0 - #6	5	100
GLL8 250C	3"	250MCM - #6	5	109
GLL9C	3 1/2"	#3/0 - #6	1	125
GLL9 250C	3 1/2"	250MCM - #6	1	134
GLL10C	4"	#3/0 - #6	1	145
GLL10 250C	4"	250MCM - #6	1	154
GLL11C	5"	#3/0 - #6	1	165
GLL11 250C	5"	250MCM - #6	1	174
GLL12C	6"	#3/0 - #6	1	195
GLL12 250C	6"	250MCM - #6	1	204

Rigid/Intermediate Grade Conduit Fittings

Grounding Bushings

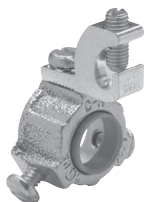
INSULATED THROAT GROUNDING BUSHINGS – MALLEABLE IRON

Applications:

- For use on threadless rigid/IMC conduit to provide a means of grounding conduit through an insulated bushing

Aluminum Lug – for Copper or Aluminum Grounding Conductors – Threadless – Set Screw Type 105°C Rated Plastic Throat Liner

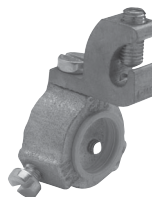
UL File No. E-6225



Cat. #	Size	Lug Size	Unit Qty.	Wt. Lbs. Per 100
GLS1	1/2"	#4 - #14	50	5
GLS2	3/4"	#4 - #14	50	9
GLS3	1"	#4 - #14	50	12
GLS4	1 1/4"	#4 - #14	25	19
GLS4 10	1 1/4"	#1/0 - #8	25	23
GLS5	1 1/2"	#4 - #14	10	24
GLS5 10	1 1/2"	#1/0 - #8	10	28
GLS6	2"	#4 - #14	10	26
GLS6 10	2"	#1/0 - #8	10	32
GLS7	2 1/2"	#1/0 - #8	10	53
GLS7 30	2 1/2"	#3/0 - #6	10	60
GLS7 250	2 1/2"	250MCM - #6	10	67
GLS8	3"	#1/0 - #8	5	70
GLS8 30	3"	#3/0 - #6	5	72
GLS8 250	3"	250MCM - #6	5	76
GLS9	3 1/2"	#3/0 - #6	1	100
GLS9 250	3 1/2"	250MCM - #6	1	100
GLS10	4"	#3/0 - #6	1	110
GLS10 250	4"	250MCM - #6	1	120
GLS11	5"	#3/0 - #6	1	140
GLS11 250	5"	250MCM - #6	1	143
GLS12	6"	#3/0 - #6	1	160
GLS12 250	6"	250MCM - #6	1	163

Copper Lug – for Copper Grounding Conductors – Threadless – Set Screw Type 105°C Rated Plastic Throat Liner

UL File No. E-6225



Cat. #	Size	Lug Size	Unit Qty.	Wt. Lbs. Per 100
GLS1C	1/2"	#4 - #14	50	8
GLS2C	3/4"	#4 - #14	50	12
GLS3C	1"	#4 - #14	50	14
GLS4C	1 1/4"	#4 - #14	25	19
GLS4 10C	1 1/4"	#1/0 - #8	25	30
GLS5C	1 1/2"	#4 - #14	10	21
GLS5 10C	1 1/2"	#1/0 - #8	10	32
GLS6C	2"	#4 - #14	10	29
GLS6 10C	2"	#1/0 - #8	10	40
GLS 7C	2 1/2"	#1/0 - #8	10	65
GLS7 30C	2 1/2"	#3/0 - #6	10	88
GLS7 250C	2 1/2"	250MCM - #6	10	97
GLS8C	3"	#1/0 - #8	5	77
GLS8 30C	3"	#3/0 - #6	5	100
GLS8 250C	3"	250MCM - #6	5	109
GLS9C	3 1/2"	#3/0 - #6	1	125
GLS9 250C	3 1/2"	250MCM - #6	1	134
GLS10C	4"	#3/0 - #6	1	145
GLS10 250C	4"	250MCM - #6	1	154
GLS11C	5"	#3/0 - #6	1	165
GLS11 250C	5"	250MCM - #6	1	174
GLS12C	6"	#3/0 - #6	1	195
GLS12 250C	6"	250MCM - #6	1	204

Rigid/Intermediate Grade Conduit Fittings

Grounding Bushings

INSULATED THROAT GROUNDING BUSHINGS – MALLEABLE IRON

Applications:

- For use on threaded rigid/IMC conduit to provide a means of grounding conduit through an insulated bushing

Features:

- Resilient plastic liner, resists corrosion, chemicals and temperature extremes
- Insuliner – ULTEM1000 rated at 150°C
- One set screw provided with each fitting; locks bushing in any desired position
- External stainless steel hardware as standard
- Steel screws are standard

Standard Finish:

- Zinc plated

150°C Rated Aluminum Lug – for Copper or Aluminum Grounding Conductors – Threaded

UL File No. E-6225



Cat. #	Size	Lug Size	Unit Qty.	Wt. Lbs. Per 100
HGLL 1	1/2"	#4 - #14	50	9
HGLL 2	3/4"	#4 - #14	50	11
HGLL 3	1"	#4 - #14	50	14
HGLL 4	1 1/4"	#4 - #14	25	17
HGLL4 10C	1 1/4"	#1/0 - #8	25	24
HGLL 5	1 1/2"	#4 - #14	10	20
HGLL5 10C	1 1/2"	#1/0 - #8	10	24
HGLL 6	2"	#4 - #14	10	27
HGLL6 10C	2"	#1/0 - #8	10	31
HGLL 7	2 1/2"	#1/0 - #8	10	58
HGLL7 30C	2 1/2"	#3/0 - #6	10	67
HGLL7 250C	2 1/2"	250MCM - #6	10	70
HGLL 8	3"	#1/0 - #8	5	69
HGLL8 30C	3"	#3/0 - #6	5	78
HGLL8 250C	3"	250MCM - #6	5	81
HGLL 9	3 1/2"	#3/0 - #6	1	101
HGLL9 250C	3 1/2"	250MCM - #6	1	104
HGLL 10	4"	#3/0 - #6	1	120
HGLL10 250C	4"	250MCM - #6	1	123
HGLL 11	5"	#3/0 - #6	1	145
HGLL 11 250C	5"	250MCM - #6	1	150
HGLL 12	6"	#3/0 - #6	1	185
HGLL 12 250C	6"	250MCM - #6	1	186

150°C Rated Copper Lug – for Copper Grounding Conductors – Threaded

UL File No. E-6225

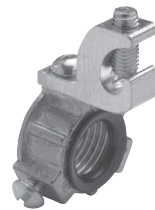


Cat. #	Size	Lug Size	Unit Qty.	Wt. Lbs. Per 100
HGLL1C	1/2"	#4 - #14	50	12
HGLL2C	3/4"	#4 - #14	50	14
HGLL3C	1"	#4 - #14	50	17
HGLL4C	1 1/4"	#4 - #14	25	20
HGLL4 10C	1 1/4"	#1/0 - #8	25	32
HGLL5C	1 1/2"	#4 - #14	10	23
HGLL5 10C	1 1/2"	#1/0 - #8	10	35
HGLL 6C	2"	#4 - #14	10	30
HGLL6 10C	2"	#1/0 - #8	10	42
HGLL7C	2 1/2"	#1/0 - #8	10	69
HGLL7 30C	2 1/2"	#3/0 - #6	10	92
HGLL7 250C	2 1/2"	250MCM - #6	10	101
HGLL8C	3"	#1/0 - #8	5	80
HGLL8 30C	3"	#3/0 - #6	5	103
HGLL8 250C	3"	250MCM - #6	5	112
HGLL9C	3 1/2"	#3/0 - #6	1	126
HGLL9 250C	3 1/2"	250MCM - #6	1	135
HGLL10C	4"	#3/0 - #6	1	145
HGLL10 250C	4"	250MCM - #6	1	155
HGLL 11C	5"	#3/0 - #6	1	171
HGLL11 250C	5"	250MCM - #6	1	180
HGLL 12C	6"	#3/0 - #6	1	210
HGLL 12 250C	6"	250MCM - #6	1	317

INSULATED THROAT GROUNDING BUSHINGS – ZINC DIE CAST

150°C Rated Plastic Throat Liner Aluminum Lug – for Copper or Aluminum Grounding Conductors

UL File No. E-6225



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
GLL1 DC	1/2"	50	3
GLL2 DC	3/4"	40	4
GLL3 DC	1"	25	5
GLL4 DC	1 1/4"	25	9
GLL5 DC	1 1/2"	25	10
GLL6 DC	2"	10	14
GLL7 DC	2 1/2"	5	25
GLL8 DC	3"	5	33
GLL9 DC	3 1/2"	4	38
GLL10 DC	4"	4	44

Rigid/Intermediate Grade Conduit Fittings

Grounding Bushings

INSULATED THROAT GROUNDING BUSHINGS – MALLEABLE IRON

Applications:

- For use on threadless rigid/IMC conduit to provide a means of grounding conduit through an insulated bushing

Features:

- Resilient plastic liner resists corrosion, chemicals and temperature extremes
- Insuliner – ULTEM1000 rated at 150°C
- Two set screws provided with each fitting; locks bushings in any desired position

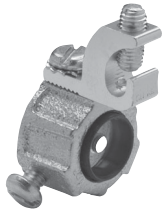
Standard Finish:

- Body – zinc plated

150°C Rated

Set Screw Type – Aluminum Lug – for Copper or Aluminum Grounding Conductors – Threadless

UL File No. E-6225



Cat. #	Size	Lug Size	Unit Qty.	Wt. Lbs. Per 100
HGLS1	1/2"	#4 - #14	50	9
HGLS2	3/4"	#4 - #14	50	10
HGLS3	1"	#4 - #14	50	13
HGLS4	1 1/4"	#4 - #14	25	16
HGLS4 10	1 1/4"	#1/0 - #8	25	20
HGLS5	1 1/2"	#4 - #14	10	18
HGLS5 10	1 1/2"	#1/0 - #8	10	22
HGLS6	2"	#4 - #14	10	24
HGLS6 10	2"	#1/0 - #8	10	28
HGLS7	2 1/2"	#1/0 - #8	10	50
HGLS7 30	2 1/2"	#3/0 - #6	10	58
HGLS7 250	2 1/2"	250MCM - #6	10	60
HGLS8	3"	#1/0 - #8	5	58
HGLS8 30	3"	#3/0 - #6	5	67
HGLS8 250	3"	250MCM - #6	5	70
HGLS9	3 1/2"	#3/0 - #6	1	80
HGLS9 250	3 1/2"	250MCM - #6	1	85
HGLS10	4"	#3/0 - #6	1	90
HGLS10 250	4"	250MCM - #6	1	100
HGLS11	5"	#3/0 - #6	1	115
HGLS11 250	5"	250MCM - #6	1	120
HGLS12	6"	#3/0 - #6	1	145
HGLS12 250	6"	250MCM - #6	1	150

150°C Rated

Set Screw Type – Copper Lug – for Copper Grounding Conductors – Threadless

UL File No. E-6225



Cat. #	Size	Lug Size	Unit Qty.	Wt. Lbs. Per 100
HGLS1C	1/2"	#4 - #14	50	12
HGLS2C	3/4"	#4 - #14	50	13
HGLS3C	1"	#4 - #14	50	16
HGLS4C	1 1/4"	#4 - #14	25	19
HGLS4 10C	1 1/4"	#1/0 - #8	25	31
HGLS5C	1 1/2"	#4 - #14	10	21
HGLS5 10C	1 1/2"	#1/0 - #8	10	33
HGLS6C	2"	#4 - #14	10	27
HGLS6 10C	2"	#1/0 - #8	10	39
HGLS7C	2 1/2"	#1/0 - #8	10	60
HGLS7 30C	2 1/2"	#3/0 - #6	10	83
HGLS7 250C	2 1/2"	250MCM - #6	10	92
HGLS8C	3"	#1/0 - #8	5	70
HGLS8 30C	3"	#3/0 - #6	5	92
HGLS8 250C	3"	250MCM - #6	5	100
HGLS9C	3 1/2"	#3/0 - #6	1	105
HGLS9 250C	3 1/2"	250MCM - #6	1	115
HGLS10C	4"	#3/0 - #6	1	100
HGLS10 250C	4"	250MCM - #6	1	130
HGLS11C	5"	#3/0 - #6	1	140
HGLS11 250C	5"	250MCM - #6	1	150
HGLS12C	6"	#3/0 - #6	1	170
HGLS12 250C	6"	250MCM - #6	1	180

Rigid/Intermediate Grade Conduit Fittings

Bushing Pennies & Nailing Straps

Rigid Fittings

BUSHING PENNIES – STEEL

Applications:

- A penny under a bushing will seal the end of conduit during construction



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
90	1/2"	100	1
91	3/4"	100	1
92	1"	100	1
93	1 1/4"	50	1
94	1 1/2"	50	2
95	2"	50	3
96	2 1/2"	50	5
97	3"	50	7
98	3 1/2"	50	10
99	4"	50	14

NAILING STRAPS – CAST STEEL

Standard Material:

- Cast steel

Standard Finish:

- Zinc plated

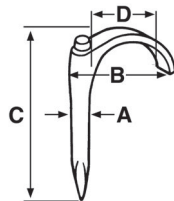
Support rigid conduit and IMC to mounting surface



Cat. #	Conduit Sizes		Unit Qty.	Wt. Lbs. Per 100
	EMT	Rigid		
NS 1	1/2"	3/8"	100	2
NS 2	3/4"	1/2"	100	2
NS 3	1"	3/4"	100	3

Dimensions (in Inches):

Cat. #	A	B	C	D
NS 1	3/16	1	1 7/8	3/4
NS 2	3/4	1 1/4	2	1 5/16
NS 3	3/16	1 1/2	2 1/2	1 1/8



NAILING STRAPS – STAMPED STEEL

Applications:

- To secure rigid/IMC conduit

Certifications and Compliances:

- UL File No. E-184283

Standard Material:

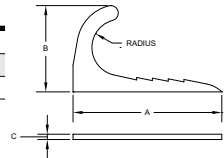
- Pre-galvanized stamped steel



Cat. #	Conduit Sizes		Unit Qty.	Wt. Lbs. Per 100
	EMT	Rigid		
NSS1	1/2"	3/8"	100	2
NSS2	3/4"	1/2"	100	2
NSS3	1"	3/4"	100	3

Dimensions (in Inches):

Cat. #	A	B	C	Radius
NSS1	2.100	1.040	0.080	0.350
NSS2	2.300	1.275	0.080	0.460
NSS3	2.200	1.500	0.080	0.580



Rigid/Intermediate Grade Conduit Fittings

Conduit Clamps, Straps, Hangers

CLAMPS – MALLEABLE IRON

Applications:

- To support rigid conduit and IMC to mounting surface

Options:

Description Suffix
 • Hot dip galvanizedHDG

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
510	1/2"	100	6
511	3/4"	50	8
512	1"	50	13
513	1 1/4"	25	20
514	1 1/2"	20	30
515	2"	10	64
516*	2 1/2"	5	104
517*	3"	2	120
518*	3 1/2"	2	150
519*	4"	2	220
520†	5"	1	380
521†	6"	1	690

*Also for use with thin wall (EMT) conduit.
 †Not UL Listed.

CLAMPBACKS/SPACERS – MALLEABLE IRON

Applications:

- To provide space between conduit and mounting surface

Standard Materials:

- Stamped steel – 1/2" - 1 1/2"
- Malleable iron – 2" - 6"

Options:

Description Suffix
 • Hot dip galvanizedHDG

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
CB1*	1/2"	25	8
CB2*	3/4"	25	10
CB3*	1"	25	12
CB4*	1 1/4"	25	21
CB5*	1 1/2"	25	42
CB6	2"	10	40
CB7	2 1/2"	10	49
CB8	3"	10	62
CB9	3 1/2"	10	91
CB10	4"	10	110
CB11†	5"	5	135
CB12†	6"	5	225

*Stamped steel.
 †Not UL Listed.

STRAPS – STEEL GALVANIZED

Applications:

- Used to secure rigid conduit or IMC to mounting surface

Two Hole

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
496 2	3/8"	250	2
496 3	1/2"	150	2
496 4	3/4"	100	3
496 5	1"	50	7
496 6	1 1/4"	50	8
496 7	1 1/2"	50	10
496 8	2"	25	15
496 9	2 1/2"	25	19
496 10	3"	25	23
496 11	3 1/2"	25	93
496 12	4"	10	108

CLAMPS – STEEL

Applications:

- To support rigid conduit and IMC to mounting surface

Heavy Gauge



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
410	1/2"	100	5
411	3/4"	50	6
412	1"	50	11
413	1 1/4"	50	13
414	1 1/2"	25	20
415	2"	25	22
206	2 1/2"	25	64
207	3"	25	71
208	3 1/2"	10	120
209	4"	10	130

Rigid/Intermediate Grade Conduit Fittings

Conduit Clamps, Straps, Hangers

Rigid Fittings

CABLE AND CONDUIT HANGERS – STEEL

Certifications and Compliances:

- UL Listed

With Bolt



Cat. #	Conduit Sizes		Unit Qty.	Wt. Lbs. Per 100
	EMT	Rigid		
0B	1/2"	3/8" and 1/2"	100	6
1B	3/4"	3/4"	100	6
2B	1"	1"	100	8
2 1/2 B	1 1/4"	-	100	10
3 B	1 1/2"	1 1/4"	100	11
4 B	-	1 1/2"	100	16
5 B	2"	2"	50	23
6 B	2 1/2"	2 1/2"	50	29
7 B	3"	3"	25	31
8 B	3 1/2"	3 1/2"	10	38
9 B	4"	4"	10	38

CABLE AND CONDUIT HANGERS – STEEL

Applications:

- Used to provide mechanical support to conduit and raceway systems

Certifications and Compliances:

- UL Listed
- cUL Listed

With Extruded Hole and Bolt



Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
0BX	3/8 and 1/2 RGD 1/2 EMT	100	6
1BX	3/4 RGD 3/4 EMT	100	7
2BX	1 RGD 1 EMT	100	11
2 1/2BX	1 1/4 EMT	100	10
3BX	1 1/4 RGD 1 1/2 EMT	100	13
4BX	1 1/2 RGD	100	16
5BX	2 RGD 2 EMT	50	17

BEAM CLAMPS/INSULATOR SUPPORTS – MALLEABLE IRON

Standard Finish:

- Zinc plated

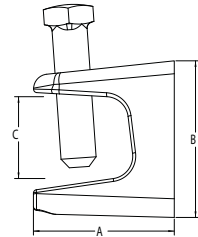
UL File No. E-184283



Cat. #	Base Size	Jaw Opening	Max. Wt. Support	Tapped Holes	Unit Qty.	Wt. Lbs. Per 100
528	3/4"	5/8"	50	10 - 24	25	14
529	3/4"	5/8"	50	1/4" - 20	25	13
530	1"	3/4"	60	10 - 24	25	23
531	1"	3/4"	100	1/4" - 20	25	24
532	1 1/2"	3/4"	80	5/16" - 18	50	47
533	2"	7/8"	100	3/8" - 16	25	81
534	2 1/2"	7/8"	200	1/2" - 13	25	155

Dimensions (in Inches):

Cat. #	A	B	C	Max. Beam Thickness
528	1.10	1.23	0.56	1/2"
529	1.10	1.25	0.57	1/2"
530	1.37	1.37	0.67	5/8"
531	1.25	1.39	0.69	5/8"
532	1.47	1.57	0.91	7/8"
533	1.75	1.82	1.12	1"
534	2.28	2.15	1.04	1"



BEAM CLAMPS/INSULATOR SUPPORTS – STEEL



Cat. #	Base Size	Jaw Opening	Tapped Holes	Unit Qty.	Wt. Lbs. Per 100
529 S	3/4"	5/8"	1/4" - 20	50	13

Rigid/Intermediate Grade Conduit Fittings

Conduit Clamps, Straps, Hangers

Rigid Fittings

CONDUIT CLAMPS – RIGHT ANGLE TYPE – HOT DIP GALVANIZED IRON

Applications:

- Right angle – to attach the conduit run at a 90° angle to a beam or structural member
- Parallel type – to attach the conduit run parallel to a beam or structural member



Cat. #	Size	Load Rating Lbs.	Wt. Lbs. Per 100
RAC50HD	1/2"	30	37
RAC75HD	3/4"	50	40
RAC100HD	1"	60	42
RAC125HD	1 1/4"	75	49
RAC150HD	1 1/2"	80	54
RAC200HD	2"	100	71
RAC250HD	2 1/2"	125	95
RAC300HD	3"	165	107
RAC350HD	3 1/2"	200	120
RAC400HD	4"	330	131

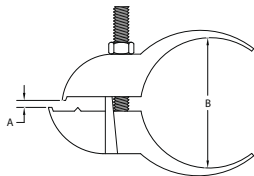
PARALLEL TYPE CONDUIT CLAMPS – ELECTROGALVANIZED IRON



Cat. #	Size	Load Rating Lbs.	Wt. Lbs. Per 100
PARC50HD	1/2"	30	50
PARC75HD	3/4"	50	53
PARC100HD	1"	60	60
PARC125HD	1 1/4"	75	70
PARC150HD	1 1/2"	80	82
PARC200HD	2"	100	132
PARC250HD	2 1/2"	125	192
PARC300HD	3"	165	194
PARC350HD	3 1/2"	200	216
PARC400HD	4"	330	232

Dimensions (in Inches):

Cat. #	A	B
PARC50HD	5/64" - 29/64"	41/64" - 59/64"
PARC75HD	3/32" - 15/32"	11/16" - 61/64"
PARC100HD	1/8" - 35/64"	23/32" - 1 1/32"
PARC125HD	5/32" - 21/32"	1 1/2" - 1 59/64"
PARC150HD	3/16" - 11/16"	1 23/32" - 2 1/8"
PARC200HD	13/64" - 37/64"	2 17/64" - 2 39/64"
PARC250HD	15/64" - 21/32"	2 13/16" - 3 5/32"
PARC300HD	1/4" - 51/64"	3 25/64" - 3 59/64"
PARC350HD	1/4" - 51/64"	3 7/8" - 4 15/32"
PARC400HD	17/64" - 13/16"	4 9/16" - 4 55/64"



EDGE TYPE CONDUIT CLAMPS – ELECTROGALVANIZED IRON

Applications:

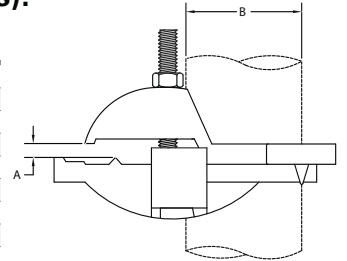
- Edge type – to attach the conduit run at a 90° angle to a thin beam or structural member



Cat. #	Size	Load Rating Lbs.	Unit Qty.	Wt. Lbs. Per 100
ETC50HD	1/2"	30	50	63
ETC75HD	3/4"	50	50	69
ETC100HD	1"	60	50	82
ETC125HD	1 1/4"	75	25	95
ETC150HD	1 1/2"	80	25	108
ETC200HD	2"	100	25	121
ETC250HD	2 1/2"	125	25	153
ETC300HD	3"	165	10	214

Dimensions (in Inches):

Cat. #	A	B
ETC50HD	13/64" - 11/16"	43/64"
ETC75HD	3/16" - 23/32"	1 3/64"
ETC100HD	17/64" - 47/64"	1 9/64"
ETC125HD	9/32" - 3/4"	1 1/2"
ETC150HD	19/64" - 3/4"	1 47/64"
ETC200HD	24/64" - 49/64"	2 3/32"
ETC250HD	11/32" - 25/32"	2 51/64"
ETC300HD	3/8" - 27/32"	3 25/64"



Rigid/Intermediate Grade Conduit Fittings

Conduit Clamps, Straps, Hangers

Rigid Fittings

J TYPE CONDUIT BEAM CLAMPS – IRON

Features:

JCC Series Conduit Beam Clamps are:

- Available in 1/2" to 4" sizes
- Suitable for IMC, EMT and rigid conduit
- Designed to exceed UL load requirements
- Made from ductile iron with an electrogalvanized finish
- Designed to support conduit on vertical or horizontal beams

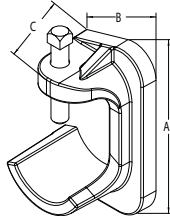
UL File No. E-184283



Cat. #	Size	Jaw Opening	Unit Qty.	Load Rating Lbs.	Wt. Lbs. Per 100
JCC1	1/2"	1 15/16"	50	30	35
JCC2	3/4"	1 15/16"	50	50	43
JCC34	1"	1 15/16"	75	75	90
	1 1/4"	1 15/16"	75	75	90
JCC56	1 1/2"	1 15/16"	100	80	190
	2"	1 15/16"	100	100	190
JCC78	2 1/2"	1 15/16"	165	125	380
	3"	1 15/16"	165	165	380

Dimensions (in Inches):

Cat. #	A	B	C
JCC1	2.95	1.56	1.30
JCC2	3.23	1.85	1.43
JCC34	4.20	2.70	1.80
JCC56	5.45	3.64	2.22
JCC78	6.85	4.94	2.86



HEAVY DUTY CONDUIT U-BOLTS WITH HEX NUTS – ELECTROGALVANIZED IRON



Cat. #	Size	Thread Size	Unit Qty.	Wt. Lbs. Per 100
UBM50HD	1/2"	5/16" - 18	200	12
UBM75HD	3/4"	5/16" - 18	200	14
UBM100HD	1"	5/16" - 18	100	17
UBM125HD	1 1/4"	5/16" - 18	50	19
UBM150HD	1 1/2"	5/16" - 18	50	21
UBM200HD	2"	3/8" - 16	50	28
UBM250HD	2 1/2"	3/8" - 16	25	37
UBM300HD	3"	3/8" - 16	25	42
UBM350HD	3 1/2"	3/8" - 16	20	46
UBM400HD	4"	3/8" - 16	20	51

Rigid/Intermediate Grade Conduit Fittings

Conduit Locknuts

CONDUIT LOCKNUTS

3/8" - 2" Steel, 2 1/2" - 6" Malleable Iron

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
10	3/8"	100	1
11	1/2"	100	1
12	3/4"	100	2
13	1"	50	3
14	1 1/4"	100	4
15	1 1/2"	50	5
16	2"	50	7
17	2 1/2"	20	10
18	3"	10	15
19	3 1/2"	10	18
20	4"	5	22
22	5"	2	79
23	6"	1	166

THIN CONSTRUCTION LOCKNUTS – STEEL



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
11X	1/2"	500	1
12X	3/4"	100	1
13X	1"	50	3
14X	1 1/4"	100	3
15X	1 1/2"	50	4
16X	2"	50	4
17X	2 1/2"	25	10
18X	3"	20	15
19X	3 1/2"	10	18
20X	4"	10	22

CONDUIT LOCKNUTS – ALUMINUM



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
11 SA	1/2"	100	1
12 SA	3/4"	100	1
13 SA	1"	50	1
14 SA	1 1/4"	100	2
15 SA	1 1/2"	50	2
16 SA	2"	50	3
17 SA	2 1/2"	20	9
18 SA	3"	10	13
19 SA	3 1/2"	10	16
20 SA	4"	5	52

CONDUIT LOCKNUTS – ZINC DIE CAST



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
11DC	1/2"	400	1
12DC	3/4"	250	1
13DC	1"	100	2
14DC	1 1/4"	60	3
15DC	1 1/2"	50	5
16DC	2"	30	8
17DC	2 1/2"	20	10
18DC	3"	15	15
19DC	3 1/2"	10	16
20DC	4"	10	19

BONDING LOCKNUTS – STEEL

Applications:

- For use with bushing to bond 1/2" to 4" rigid conduit to boxes, cabinets or other enclosures, only where a locknut is exposed.

UL File No. E-6225



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
GL 11	1/2"	100	2
GL 12	3/4"	50	3
GL 13	1"	50	4
GL 14	1 1/4"	50	6
GL 15	1 1/2"	50	7
GL 16	2"	25	9
GL 17	2 1/2"	20	28
GL 18	3"	10	38
GL 19	3 1/2"	10	48
GL 20	4"	5	52

SELF-RETAINING PVC GASKET WITH STEEL RING

UL File No. E-22133



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
SG1	3/8" - 1/2"	100	1
SG2	3/4"	50	2
SG3	1"	50	2
SG4	1 1/4"	25	2
SG5	1 1/2"	25	4
SG6	2"	25	3
SG7	2 1/2"	10	5
SG8	3"	10	10
SG9	3 1/2"	10	12
SG10	4"	10	10
SG11	5"	5	15
SG12	6"	5	22

Rigid/Intermediate Grade Conduit Fittings

Sealing Locknuts & Bush-Lok™ Bushing/Locknut Combination Fittings

SEALING LOCKNUTS

Applications:

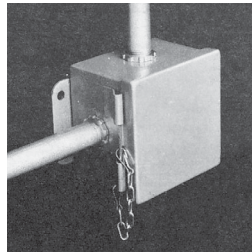
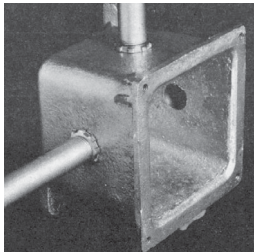
Only one sealing locknut is required to:

- Functionally replace rigid threaded enclosure connectors
- Provide raintight, watertight or oiltight seal in any position
- Provide positive ground connection
- Provide economies in installation and fitting costs

Features:

- Integrally fused PVC gasket provides positive seal against water, oils and other liquids
- Designed for use with raintight, watertight and oiltight enclosures, NEMA 2, 3, 3R, 4 and 12
- UL Listed raintight
- UL Listed liquidtight
- Can be used with either sheet metal or standard cast metal boxes
- 1/2" to 2" heavy duty steel
- 2 1/2" to 6" malleable iron

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
SL1	1/2"	100	1
SL2	3/4"	50	2
SL3	1"	25	4
SL4	1 1/4"	25	4
SL5	1 1/2"	25	5
SL6	2"	25	8
SL7	2 1/2"	10	28
SL8	3"	10	38
SL9	3 1/2"	10	46
SL10	4"	5	52
SL11	5"	2	125
SL12	6"	1	140

BUSH-LOK™ BUSHING/LOCKNUT COMBINATION FITTINGS – STEEL 150°C Rated

Patented!

Applications:

- The Bush-Lok eliminates the need to use a locknut and bushing when entering a box or enclosure; it's an all-in-one bushing/locknut combination that allows the installer to use one fitting instead of having to piece together parts; also solves the problem of not enough thread left to engage the bushing after installing a locknut into a box or enclosure
- For use with rigid/IMC conduit and with other threaded fittings

Features:

- Offered in most common trade sizes – 1/2", 3/4" and 1"
- NPSM – straight threads
- The innovative bushing/locknut combination uses one fitting instead of having to piece together parts
- Bush-Lok solves the problem of installing a locknut and a bushing and then not having enough thread left to engage the bushing
- Allows for more working capacity inside a box or enclosure
- Non-metallic insuliner will not chip, crack, swell or shrink; it resists corrosion, chemicals and temperature extremes and provides a smooth pulling surface for conductors
- Angled teeth on body provide solid connection for ground continuity and a secure installation

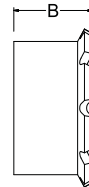
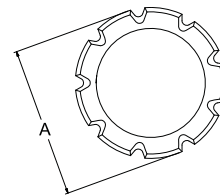
Certifications and Compliances:

- cULus
- UL File No. E-19189

Standard Materials and Finishes:

- Body – steel, zinc plated
- Insuliner – non-metallic, high temperature rated up to 150°C

UL File No. E-19189



Cat. #	Size	Dim. A	Dim. B	Unit Qty.	Wt. Lbs. Per 100
BLK50	1/2"	1 1/8"	5/8"	50	3.5
BLK75	3/4"	1 7/16"	11/16"	50	5.4
BLK100	1"	1 3/4"	13/16"	50	9.4

Rigid/Intermediate Grade Conduit Fittings

Galvanized Rigid Conduit Nipples

GALVANIZED RIGID CONDUIT NIPPLES – STEEL

Applications:

- For use with rigid and IMC conduit to join two enclosures or conduit bodies together

Features:

- Designed for use with threaded rigid conduit
- NPT threads with end cap on each end



Rigid Fittings

Certifications and Compliances:

- cULus Listed
- Galvanized Rigid Nipples meet UL6 and ANSI C80.1
- UL File No. E-25501



Cat. #	Size & Length	Unit Qty.	Wt. Lbs. Per 100
NPL50CL	1/2" x CLOSE	25	5
NPL50150	1/2" x 1 1/2"	25	8
NPL50200	1/2" x 2"	25	10
NPL50250	1/2" x 2 1/2"	25	14
NPL50300	1/2" x 3"	25	18
NPL50350	1/2" x 3 1/2"	25	22
NPL50400	1/2" x 4"	25	24
NPL50500	1/2" x 5"	25	30
NPL50600	1/2" x 6"	25	40
NPL50800	1/2" x 8"	25	51
NPL501000	1/2" x 10"	25	68
NPL501200	1/2" x 12"	25	80
NPL75CL	3/4" x CLOSE	25	8
NPL75150	3/4" x 1 1/2"	25	9
NPL75200	3/4" x 2"	25	13
NPL75250	3/4" x 2 1/2"	25	19
NPL75300	3/4" x 3"	25	23
NPL75350	3/4" x 3 1/2"	25	28
NPL75400	3/4" x 4"	25	33
NPL75500	3/4" x 5"	25	40
NPL75600	3/4" x 6"	25	50
NPL75800	3/4" x 8"	25	73
NPL751000	3/4" x 10"	25	84
NPL751200	3/4" x 12"	25	108
NPL100CL	1" x CLOSE	25	16
NPL100200	1" x 2"	25	20
NPL100250	1" x 2 1/2"	25	27
NPL100300	1" x 3"	25	34
NPL100350	1" x 3 1/2"	25	41
NPL100400	1" x 4"	25	47
NPL100500	1" x 5"	25	63
NPL100600	1" x 6"	25	75
NPL100800	1" x 8"	25	109
NPL1001000	1" x 10"	25	138
NPL1001200	1" x 12"	25	147
NPL125CL	1 1/4" x CLOSE	25	19
NPL125200	1 1/4" x 2"	25	25
NPL125250	1 1/4" x 2 1/2"	25	34
NPL125300	1 1/4" x 3"	25	44
NPL125350	1 1/4" x 3 1/2"	25	55
NPL125400	1 1/4" x 4"	25	62
NPL125500	1 1/4" x 5"	25	80
NPL125600	1 1/4" x 6"	25	100
NPL125800	1 1/4" x 8"	25	136
NPL1251000	1 1/4" x 10"	25	182
NPL1251200	1 1/4" x 12"	25	197
NPL150CL	1 1/2" x CLOSE	25	24
NPL150200	1 1/2" x 2"	25	28
NPL150250	1 1/2" x 2 1/2"	25	36
NPL150300	1 1/2" x 3"	25	48
NPL150350	1 1/2" x 3 1/2"	25	68
NPL150400	1 1/2" x 4"	25	77
NPL150500	1 1/2" x 5"	25	97
NPL150600	1 1/2" x 6"	25	113
NPL150800	1 1/2" x 8"	25	153

Cat. #	Size & Length	Unit Qty.	Wt. Lbs. Per 100
NPL1501000	1 1/2" x 10"	25	194
NPL1501200	1 1/2" x 12"	25	260
NPL200CL	2" x CLOSE	25	38
NPL200250	2" x 2 1/2"	25	59
NPL200300	2" x 3"	25	62
NPL200350	2" x 3 1/2"	25	88
NPL200400	2" x 4"	25	90
NPL200500	2" x 5"	25	132
NPL200600	2" x 6"	25	146
NPL200800	2" x 8"	20	220
NPL2001000	2" x 10"	15	285
NPL2001200	2" x 12"	15	302
NPL250CL	2 1/2" x CLOSE	25	84
NPL250300	2 1/2" x 3"	25	100
NPL250350	2 1/2" x 3 1/2"	25	120
NPL250400	2 1/2" x 4"	25	150
NPL250500	2 1/2" x 5"	20	197
NPL250600	2 1/2" x 6"	20	240
NPL250800	2 1/2" x 8"	10	329
NPL2501000	2 1/2" x 10"	10	422
NPL2501200	2 1/2" x 12"	10	505
NPL300CL	3" x CLOSE	20	118
NPL300300	3" x 3"	20	130
NPL300350	3" x 3 1/2"	15	157
NPL300400	3" x 4"	15	200
NPL300500	3" x 5"	15	260
NPL300600	3" x 6"	10	300
NPL300800	3" x 8"	7	411
NPL3001000	3" x 10"	5	528
NPL3001200	3" x 12"	5	630
NPL350CL	3 1/2" x CLOSE	20	160
NPL350350	3 1/2" x 3 1/2"	15	175
NPL350400	3 1/2" x 4"	12	240
NPL350500	3 1/2" x 5"	12	320
NPL350600	3 1/2" x 6"	10	373
NPL350800	3 1/2" x 8"	6	510
NPL3501000	3 1/2" x 10"	5	655
NPL3501200	3 1/2" x 12"	5	785
NPL400CL	4" x CLOSE	20	180
NPL400400	4" x 4"	15	285
NPL400500	4" x 5"	12	380
NPL400600	4" x 6"	10	440
NPL400800	4" x 8"	6	600
NPL4001000	4" x 10"	5	775
NPL4001200	4" x 12"	5	925
NPL500CL	5" x CLOSE	1	240
NPL500500	5" x 5"	1	480
NPL500600	5" x 6"	1	600
NPL500800	5" x 8"	1	825
NPL5001000	5" x 10"	1	1055
NPL5001200	5" x 12"	1	1260
NPL600CL	6" x CLOSE	1	350
NPL600500	6" x 5"	1	660
NPL600600	6" x 6"	1	820
NPL600800	6" x 8"	1	1040
NPL6001000	6" x 10"	1	1440
NPL6001200	6" x 12"	1	1720

Rigid/Intermediate Grade Conduit Fittings

Rigid Conduit Nipples

RIGID CONDUIT NIPPLES – ALUMINUM

Applications:

- For use with rigid and IMC conduit to join two enclosures or conduit bodies together

Features:

- Can be used in both indoor and outdoor applications, offering customer increased flexibility
- Can be used in hazardous and non-hazardous locations
- Available from close to 12" to suit customer application
- NPT threads



Certifications and Compliances:

- UL File No. E-324286



Cat. #	Size & Length	Unit Qty.	Wt. Lbs. Per 100
NPL50CLSA	1/2" x CLOSE	25	2
NPL50150SA	1/2" x 1 1/2"	25	3
NPL50200SA	1/2" x 2"	25	4
NPL50250SA	1/2" x 2 1/2"	25	5
NPL50300SA	1/2" x 3"	25	7
NPL50350SA	1/2" x 3 1/2"	25	8
NPL50400SA	1/2" x 4"	25	9
NPL50500SA	1/2" x 5"	25	12
NPL50600SA	1/2" x 6"	25	14
NPL50800SA	1/2" x 8"	25	19
NPL501000SA	1/2" x 10"	25	24
NPL501200SA	1/2" x 12"	25	29
NPL75CLSA	3/4" x CLOSE	25	3
NPL75150SA	3/4" x 1 1/2"	25	3
NPL75200SA	3/4" x 2"	25	5
NPL75250SA	3/4" x 2 1/2"	25	7
NPL75300SA	3/4" x 3"	25	8
NPL75350SA	3/4" x 3 1/2"	25	10
NPL75400SA	3/4" x 4"	25	12
NPL75500SA	3/4" x 5"	25	15
NPL75600SA	3/4" x 6"	25	18
NPL75800SA	3/4" x 8"	25	25
NPL751000SA	3/4" x 10"	25	31
NPL751200SA	3/4" x 12"	25	38
NPL100CLSA	1" x CLOSE	25	4
NPL100200SA	1" x 2"	25	7
NPL100250SA	1" x 2 1/2"	25	8
NPL100300SA	1" x 3"	25	12
NPL100350SA	1" x 3 1/2"	25	14
NPL100400SA	1" x 4"	25	16
NPL100500SA	1" x 5"	25	21
NPL100600SA	1" x 6"	25	26
NPL100800SA	1" x 8"	25	36
NPL1001000SA	1" x 10"	25	45
NPL1001200SA	1" x 12"	25	55
NPL125CLSA	1 1/4" x CLOSE	25	7
NPL125200SA	1 1/4" x 2"	25	10
NPL125250SA	1 1/4" x 2 1/2"	25	13
NPL125300SA	1 1/4" x 3"	25	16
NPL125350SA	1 1/4" x 3 1/2"	25	20
NPL125400SA	1 1/4" x 4"	25	23
NPL125500SA	1 1/4" x 5"	25	29
NPL125600SA	1 1/4" x 6"	25	36
NPL125800SA	1 1/4" x 8"	25	49
NPL1251000SA	1 1/4" x 10"	25	62
NPL1251200SA	1 1/4" x 12"	25	75
NPL150CLSA	1 1/2" x CLOSE	25	10
NPL150200SA	1 1/2" x 2"	25	12
NPL150250SA	1 1/2" x 2 1/2"	25	16
NPL150300SA	1 1/2" x 3"	25	20
NPL150350SA	1 1/2" x 3 1/2"	25	24
NPL150400SA	1 1/2" x 4"	25	28
NPL150500SA	1 1/2" x 5"	25	36
NPL150600SA	1 1/2" x 6"	25	44
NPL150800SA	1 1/2" x 8"	10	59

Cat. #	Size & Length	Unit Qty.	Wt. Lbs. Per 100
NPL1501000SA	1 1/2" x 10"	10	74
NPL1501200SA	1 1/2" x 12"	10	90
NPL200CLSA	2" x CLOSE	25	16
NPL200250SA	2" x 2 1/2"	25	22
NPL200300SA	2" x 3"	25	27
NPL200350SA	2" x 3 1/2"	25	32
NPL200400SA	2" x 4"	25	38
NPL200500SA	2" x 5"	25	48
NPL200600SA	2" x 6"	25	58
NPL200800SA	2" x 8"	10	78
NPL2001000SA	2" x 10"	10	100
NPL2001200SA	2" x 12"	10	120
NPL250CLSA	2 1/2" x CLOSE	12	22
NPL250300SA	2 1/2" x 3"	12	30
NPL250350SA	2 1/2" x 3 1/2"	12	39
NPL250400SA	2 1/2" x 4"	12	47
NPL250500SA	2 1/2" x 5"	12	64
NPL250600SA	2 1/2" x 6"	10	80
NPL250800SA	2 1/2" x 8"	5	774
NPL2501000SA	2 1/2" x 10"	5	148
NPL2501200SA	2 1/2" x 12"	5	180
NPL300CLSA	3" x CLOSE	12	24
NPL300300SA	3" x 3"	12	42
NPL300350SA	3" x 3 1/2"	12	53
NPL300400SA	3" x 4"	12	64
NPL300500SA	3" x 5"	12	86
NPL300600SA	3" x 6"	10	108
NPL300800SA	3" x 8"	5	152
NPL3001000SA	3" x 10"	5	196
NPL3001200SA	3" x 12"	5	240
NPL350CLSA	3 1/2" x CLOSE	12	42
NPL350350SA	3 1/2" x 3 1/2"	12	65
NPL350400SA	3 1/2" x 4"	12	75
NPL350500SA	3 1/2" x 5"	12	101
NPL350600SA	3 1/2" x 6"	5	128
NPL350800SA	3 1/2" x 8"	5	180
NPL3501000SA	3 1/2" x 10"	4	234
NPL3501200SA	3 1/2" x 12"	4	286
NPL400CLSA	4" x CLOSE	12	51
NPL400400SA	4" x 4"	12	87
NPL400500SA	4" x 5"	12	118
NPL400600SA	4" x 6"	5	149
NPL400800SA	4" x 8"	3	212
NPL4001000SA	4" x 10"	4	274
NPL4001200SA	4" x 12"	4	336
NPL500CLSA	5" x CLOSE	1	17
NPL500500SA	5" x 5"	1	155
NPL500600SA	5" x 6"	1	197
NPL500800SA	5" x 8"	1	281
NPL5001000SA	5" x 10"	1	366
NPL5001200SA	5" x 12"	1	450
NPL600CLSA	6" x CLOSE	1	105
NPL600500SA	6" x 5"	1	208
NPL600600SA	6" x 6"	1	342
NPL600800SA	6" x 8"	1	372
NPL6001000SA	6" x 10"	1	481
NPL6001200SA	6" x 12"	1	591

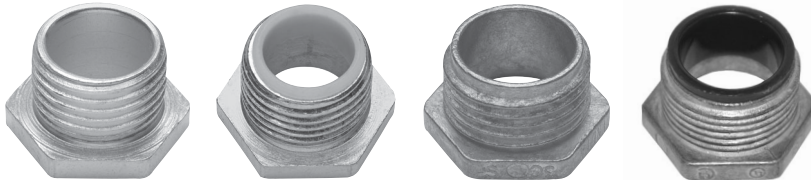
Rigid/Intermediate Grade Conduit Fittings

Conduit Bushed (Chase) Nipples Offset Conduit Nipples

CONDUIT BUSHED (CHASE) NIPPLES – MALLEABLE IRON & ZINC DIE CAST

Non-insulated and Insulated Threaded NPSM for Rigid Conduit and IMC

UL File No. E-19189†



Applications:

- Used through knockout to connect box to conduit coupling
- Used with a locknut to connect two boxes side by side or back to back
- Used with a locknut to connect fixture housing to continuous runs

Rigid Fittings

Cat. # Non-insulated Malleable Iron	Cat. # Insulated Malleable Iron	Cat. # Non-insulated Zinc Die Cast	Cat. # Insulated Zinc Die Cast	Size	Unit Qty.	Wt. Lbs. Per 100 Non-insulated Malleable Iron	Wt. Lbs. Per 100 Insulated Malleable Iron	Wt. Lbs. Per 100 Non-insulated Zinc Die Cast
50*		50D	1050DC	1/2"	50	3	3	4
51	1051	51D	1051DC	3/4"	25	8	4	5
52	1052	52D	1052DC	1"	10	13	11	10
53	1053	53D	1053DC	1 1/4"	10	19	19	11
54	1054	54D	1054DC	1 1/2"	10	30	30	20
55	1055	55D	1055DC	2"	10	37	37	30
56	1056	56D	1056DC	2 1/2"	5	68	72	40
57	1057	57D	1057DC	3"	5	92	96	49
58	1058	58D	1058DC	3 1/2"	1	130	113	68
59	1059	59D	1059DC	4"	1	200	187	70
60†	1060			5"	1	350	350	
61†	1061			6"	1	425	450	

*Steel.

†Not UL Listed.

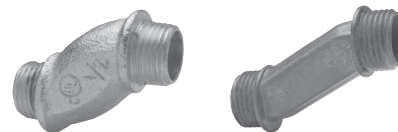
‡cUL Listed for malleable iron versions.

OFFSET CONDUIT NIPPLES – MALLEABLE IRON & ZINC DIE CAST

Features:

- Threaded NPSM for rigid conduit and IMC
- Standard finish on malleable iron: zinc plated
- Used to offset the axis of raceways 3/4 of an inch

UL File No. E-19189



Cat. # Malleable Iron	Cat. # Zinc Die Cast	Size	Unit Qty.	Wt. Lbs. Per 100
300	300DC	1/2"	25	24
301	301DC	3/4"	25	34
302	302DC	1"	10	49
303	303DC	1 1/2"	10	54
	304DC	1 1/2"	5	40
	305DC	2"	2	60

Rigid/Intermediate Grade Conduit Fittings

Push Plugs, Snap-in Blanks, Reducing Washers

PUSH PLUGS – PLASTIC

Applications:

- Used to plug knockouts on enclosures to prevent moisture, dust and debris from entering the enclosure during shipment or install
- Plugs are wider than size listed to ensure secure connection in enclosure
- Temperature rating: 180°F to 200°F
- Tensile strength: 600-2300 PSI



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
PPC 50	1/2"	100	1
PPC 75	3/4"	100	1
PPC 100	1"	50	1
PPC 125	1 1/4"	50	1
PPC 150	1 1/2"	25	1
PPC 200	2"	25	1
PPC 250	2 1/2"	100	2
PPC 300	3"	100	3
PPC 350	3 1/2"	50	6
PPC 400	4"	50	8

KNOCKOUT SNAP-IN BLANKS – STEEL

Applications:

- Used to plug knockouts in steel boxes
- Snap-in blanks press firmly into knockout, providing a secure connection



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
335	1/2"	100	2
336	3/4"	100	2
337	1"	50	2
338	1 1/4"	50	3
339	1 1/2"	50	5
340	2"	20	7

KNOCKOUT REDUCING WASHERS – STEEL

Applications:

- Used with steel boxes to reduce the knockout size
- Reducing washers press firmly into knockout, providing a secure connection

UL File No. E-23223



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
342	3/4" - 1/2"	100	1
343	1" - 1/2"	100	2
344	1" - 3/4"	100	2
345	1 1/4" - 1/2"	100	3
346	1 1/4" - 3/4"	100	2
347	1 1/4" - 1"	100	2
348	1 1/2" - 1/2"	50	5
349	1 1/2" - 3/4"	50	4
350S	1 1/2" - 1"	50	4
351	1 1/2" - 1 1/4"	50	3
352	2" - 1/2"	50	7
353	2" - 3/4"	50	7
354	2" - 1"	50	6
355	2" - 1 1/4"	50	5
356	2" - 1 1/2"	50	3
360	2 1/2" - 1/2"	25	7
361	2 1/2" - 3/4"	25	7
362	2 1/2" - 1"	25	7
363	2 1/2" - 1 1/4"	25	7
364	2 1/2" - 1 1/2"	25	7
365	2 1/2" - 2"	25	7
366	3" - 1"	25	14
367	3" - 1 1/4"	25	14
368	3" - 1 1/2"	25	14
369	3" - 2"	25	14
370 S	3" - 2 1/2"	25	14
371*	3 1/2" - 1 1/2"	25	25
372*	3 1/2" - 2"	25	25
373*	3 1/2" - 2 1/2"	25	25
374*	3 1/2" - 3"	25	25
375*	4" - 2"	25	35
376*	4" - 2 1/2"	25	35
377*	4" - 3"	25	35
378*	4" - 3 1/2"	25	35

*Not UL Listed.

Rigid/Intermediate Grade Conduit Fittings

Concrete Slab Inserts

CONCRETE SLAB INSERTS – 90 DEGREE

Applications:

- For use with rigid and IMC
- For conduit installed in poured concrete slabs
- 90 degree design eliminates the need to bend conduit
- Provides flush threaded conduit hub for connecting rigid and IMC conduit and allows future access to conduit system
- Used in in-slab ceiling and floor poured applications

Standard Material:

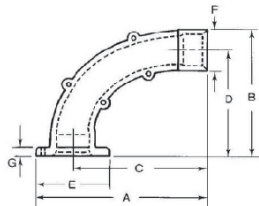
- Zinc die cast



Cat. #	EMT	Unit Qty.	Wt. Lbs. Per 100
ESL75	3/4"	5	41
ESL100	1"	5	57

Dimensions (in Inches):

Cat. #	A	B	C	D	E	F	G
ESL75	4.55	3.72	3.49	3.15	2.13	1.14	0.20
ESL100	4.68	3.84	3.46	3.10	2.44	1.47	0.19



Rigid/Intermediate Grade Conduit Fittings

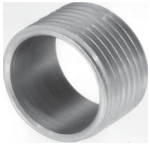
Reducers & Plugs

Rigid Fittings

CONDUIT REDUCERS – STEEL/IRON

Applications:

- Reduces the threaded opening on conduit bodies or any female threaded fitting
- Smooth pulling surface



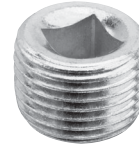
Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
Steel			
251	3/4" - 1/2"	50	4
252	1" - 1/2"	25	13
253	1 1/4" - 1/2"	10	30
254	1 1/2" - 1/2"	10	43
255	2" - 1/2"	5	83
260	1" - 3/4"	25	7
261	1 1/4" - 3/4"	10	23
262	1 1/2" - 3/4"	10	40
263	2" - 3/4"	5	79
268	1 1/4" - 1"	10	18
269	1 1/2" - 1"	10	27
270 S	2" - 1"	5	66
275	1 1/2" - 1 1/4"	10	13
276	2" - 1 1/4"	5	24
281	2" - 1 1/2"	5	27
Iron			
282	2 1/2" - 1"	10	120
283	2 1/2" - 1 1/4"	10	130
285	2 1/2" - 2"	10	150
288	3" - 1 1/2"	5	210
289	3" - 2"	2	160
290M	3" - 2 1/2"	5	120
291	3 1/2" - 2"	2	200
292	3 1/2" - 2 1/2"	2	225
293	3 1/2" - 3"	2	150
294	4" - 2"	2	270
295	4" - 2 1/2"	2	270
296	4" - 3"	2	260
297	4" - 3 1/2"	2	160
298	5" - 4"	1	385
299	6" - 5"	1	475

PLUGS – CAST IRON

Applications:

- Clean tapered threads
- Used to plug an unused threaded conduit opening
- Available in two styles, flush (recessed) or square head type

Recessed



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
PLG1M	1/2"	50	6
PLG2M	3/4"	50	11
PLG3M	1"	25	22
PLG4M	1 1/4"	25	34
PLG5M	1 1/2"	10	48
PLG6M	2"	10	82
PLG7M	2 1/2"	2	150
PLG8M	3"	2	222
PLG9M	3 1/2"	1	340
PLG10M	4"	1	380

Square Head



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
PLG15M	1/2"	50	12
PLG25M	3/4"	50	16
PLG35M	1"	25	25
PLG45M	1 1/4"	25	34
PLG55M	1 1/2"	10	48
PLG65M	2"	10	80
PLG75M	2 1/2"	1	116
PLG85M	3"	1	185
PLG95M	3 1/2"	1	232
PLG105M	4"	1	310

Series 5

Die Cast Aluminum Conduit Outlet Bodies, Covers & Gaskets

Series 5 die cast copper-free aluminum conduit bodies, covers and gaskets are available for use with rigid or EMT conduit (with set screw). Conduit bodies are available in trade sizes 1/2" to 4", in the most popular conduit body shapes (C, LB, LL, LR, T) and 1/2" to 2" in TB and X shapes. The Series 5 family is available as components or pre-packaged in various configurations as a SnapPack™ assembly. In addition, Series 5 is completely interchangeable with other manufacturers.

Applications:

- Act as pull outlets for conductors being installed
- Provide openings for making splices and taps in conductors
- Act as mounting outlets for lighting fixtures and wiring devices
- Connect conduit sections
- Provide taps for branch conduit runs
- Make 90° bends in conduit runs
- Provide for access to conductors for maintenance and future system changes

Features:

- Die cast copper-free aluminum construction is lightweight and corrosion-resistant for long, reliable service
- Epoxy powder coat finish provides additional corrosion resistance and an aesthetically-pleasing appearance
- Conduit bodies are supplied with threaded hubs for use with rigid/IMC conduit or as a combination body
- Combination bodies are supplied with tri-head set screws (slotted, Phillips, Robertson) for use with EMT or rigid/IMC conduit on trade sizes 1/2" to 2"
- Domed aluminum cover provides additional cubic capacity
- Perforated center gasket that can be easily removed, if desired
- SnapPack™ available in choice of three configurations to match customer preferences

Certifications and Compliances:

- UL Listed
- cUL Listed
- UL File No. E-15022
- Suitable for wet locations (1/2" to 2" rigid bodies)
- Suitable for NEMA 4 (1/2" to 1" rigid bodies with integral gasket cover)

Standard Materials and Finishes:

- Bodies – copper-free aluminum with epoxy powder paint
- Covers – aluminum with stainless steel screws, natural
- Gaskets – neoprene, natural



Series 5

Integral gasket covers. The sheet aluminum covers feature a raised dome with stainless steel screws supplied with nylon washers and a gasket for simplifying installation—reducing inventory and labor costs. These innovative covers are UL and cUL Listed and are NEMA 4 rated 1/2" to 1" trade sizes with rigid bodies.



SnapPack™. Designed for ordering and receiving convenience, the SnapPack combines a body, gasket and sheet aluminum cover in a single assembly.

1 Rigid body with traditional cover and gasket (e.g. LB15 CGN)



2 Combination body with traditional cover and gasket (e.g. LB15 MTC)

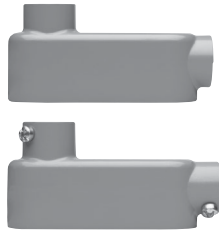


3 **NEMA 4** rigid body with integral gasketed cover (e.g. X15 ICG)



Series 5

Die Cast Aluminum Conduit Outlet Bodies, Covers & Gaskets



Series 5

TYPE LB

Size	Outlet Body		SnapPack			Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100*	Max. No. of Conductors
	Cat. # Rigid/IMC	Cat. # Combo EMT, Rigid/IMC	Cat. # Rigid/IMC Body, Traditional Cover & Gasket	Cat. # Combo EMT, Body, Traditional Cover & Gasket	Cat. # NEMA 4 Rigid/IMC Body, Integral Cover & Gasket				
1/2"	LB15	LB15 MT	LB15 CGN	LB15 MTC	LB15 ICG (4.5 Cu. In.)	4.35	10	26	-
3/4"	LB25	LB25 MT	LB25 CGN	LB25 MTC	LB25 ICG (7.5 Cu. In.)	7.30	10	48	#6 AWG
1"	LB35	LB35 MT	LB35 CGN	LB35 MTC	LB35 ICG (10.8 Cu. In.)	12.20	5	64	3 #4 AWG
1 1/4"	LB45	LB45 MT	LB45 CGN	LB45 MTC	-	32.30	2	140	3 #2 AWG
1 1/2"	LB55	LB55 MT	LB55 CGN	LB55 MTC	-	33.80	2	160	3 #1/0 AWG
2"	LB65	LB65 MT	LB65 CGN	LB65 MTC	-	71.20	1	260	3 #3/0 AWG
2 1/2"	LB75	LB75 MT†	LB75 CGN	LB75 MTC	-	71.20	1	500	3 #300MCM
3"	LB85	LB85 MT†	LB85 CGN	LB85 MTC	-	183.50	1	600	3 #300MCM
3 1/2"	LB95	LB95 MT†	LB95 CGN	LB95 MTC	-	304.90	1	900	3 #400MCM
4"	LB105	LB105 MT†	LB105 CGN	LB105 MTC	-	308.00	1	1000	3 #400MCM

*Weight lbs. per 100 is listed for outlet body only.

†Combo EMT, rigid/IMC fittings greater than 2" trade size are SET SCREW ONLY (not combination threaded and set screw).



TYPE LR

Size	Outlet Body		SnapPack			Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100*	Max. No. of Conductors
	Cat. # Rigid/IMC	Cat. # Combo EMT, Rigid/IMC	Cat. # Rigid/IMC Body, Traditional Cover & Gasket	Cat. # Combo EMT, Body, Traditional Cover & Gasket	Cat. # NEMA 4 Rigid/IMC Body, Integral Cover & Gasket				
1/2"	LR15	LR15 MT	LR15 CGN	LR15 MTC	LR15 ICG (4.5 Cu. In.)	4.35	10	26	-
3/4"	LR25	LR25 MT	LR25 CGN	LR25 MTC	LR25 ICG (7.5 Cu. In.)	7.30	10	48	#6 AWG
1"	LR35	LR35 MT	LR35 CGN	LR35 MTC	LR35 ICG (10.8 Cu. In.)	12.20	5	64	3 #4 AWG
1 1/4"	LR45	LR45 MT	LR45 CGN	LR45 MTC	-	35.80	2	140	3 #2 AWG
1 1/2"	LR55	LR55 MT	LR55 CGN	LR55 MTC	-	35.80	2	160	3 #1/0 AWG
2"	LR65	LR65 MT	LR65 CGN	LR65 MTC	-	69.70	1	260	3 #3/0 AWG
2 1/2"	LR75	-	LR75 CGN	-	-	69.70	1	500	3 #300MCM
3"	LR85	-	LR85 CGN	-	-	186.00	1	600	3 #350MCM
3 1/2"	LR95	-	LR95 CGN	-	-	306.00	1	900	3 #350MCM
4"	LR105	-	LR105 CGN	-	-	308.00	1	1000	3 #350MCM

*Weight lbs. per 100 is listed for outlet body only.

Series 5

Die Cast Aluminum Conduit Outlet Bodies, Covers & Gaskets



TYPE LL

Size	Outlet Body		SnapPack			Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100*	Max. No. of Conductors
	Cat. # Rigid/IMC	Cat. # Combo EMT, Rigid/IMC	Cat. # Rigid/IMC Body, Traditional Cover & Gasket	Cat. # Combo EMT, Body, Traditional Cover & Gasket	Cat. # NEMA 4 Rigid/IMC Body, Integral Cover & Gasket				
1/2"	LL15	LL15 MT	LL15 CGN	LL15 MTC	LL15 ICG (4.5 Cu. In.)	4.35	10	30	-
3/4"	LL25	LL25 MT	LL25 CGN	LL25 MTC	LL25 ICG (7.5 Cu. In.)	7.30	10	48	#6 AWG
1"	LL35	LL35 MT	LL35 CGN	LL35 MTC	LL35 ICG (10.8 Cu. In.)	12.20	5	64	3 #4 AWG
1 1/4"	LL45	LL45 MT	LL45 CGN	LL45 MTC	-	35.80	2	140	3 #2 AWG
1 1/2"	LL55	LL55 MT	LL55 CGN	LL55 MTC	-	35.80	2	160	3 #1/0 AWG
2"	LL65	LL65 MT	LL65 CGN	LL65 MTC	-	69.70	1	270	3 #3/0 AWG
2 1/2"	LL75	-	LL75 CGN	-	-	69.70	1	500	3 #300MCM
3"	LL85	-	LL85 CGN	-	-	186.00	1	600	3 #350MCM
3 1/2"	LL95	-	LL95 CGN	-	-	306.00	1	900	3 #350MCM
4"	LL105	-	LL105 CGN	-	-	308.00	1	1000	3 #350MCM

*Weight lbs. per 100 is listed for outlet body only.



TYPE C

Size	Outlet Body		SnapPack			Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100*	Max. No. of Conductors
	Cat. # Rigid/IMC	Cat. # Combo EMT, Rigid/IMC	Cat. # Rigid/IMC Body, Traditional Cover & Gasket	Cat. # Combo EMT, Body, Traditional Cover & Gasket	Cat. # NEMA 4 Rigid/IMC Body, Integral Cover & Gasket				
1/2"	C15	C15 MT	C15 CGN	C15 MTC	C15 ICG (4.5 Cu. In.)	4.35	10	27	-
3/4"	C25	C25 MT	C25 CGN	C25 MTC	C25 ICG (7.5 Cu. In.)	7.30	10	40	#6 AWG
1"	C35	C35 MT	C35 CGN	C35 MTC	C35 ICG (10.8 Cu. In.)	12.20	5	64	3 #4 AWG
1 1/4"	C45	C45 MT	C45 CGN	C45 MTC	-	32.30	2	165	3 #2 AWG
1 1/2"	C55	C55 MT	C55 CGN	C55 MTC	-	33.80	2	150	3 #1/0 AWG
2"	C65	C65 MT	C65 CGN	C65 MTC	-	69.50	1	270	3 #2/0 AWG
2 1/2"	C75	-	C75 CGN	-	-	69.50	1	500	3 #250MCM
3"	C85	-	C85 CGN	-	-	188.00	1	600	3 #250MCM
3 1/2"	C95	-	C95 CGN	-	-	307.00	1	900	3 #300MCM
4"	C105	-	C105 CGN	-	-	309.00	1	1000	3 #300MCM

*Weight lbs. per 100 is listed for outlet body only.

Series 5

Die Cast Aluminum Conduit Outlet Bodies, Covers & Gaskets



TYPE T

Size	Outlet Body		SnapPack			Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100*	Max. No. of Conductors
	Cat. # Rigid/IMC	Cat. # Combo EMT, Rigid/IMC	Cat. # Rigid/IMC Body, Traditional Cover & Gasket	Cat. # Combo EMT, Body, Traditional Cover & Gasket	Cat. # NEMA 4 Rigid/IMC Body, Integral Cover & Gasket				
1/2"	T15	T15 MT	T15 CGN	T15 MTC	T15 ICG (4.5 Cu. In.)	4.35	10	27	-
3/4"	T25	T25 MT	T25 CGN	T25 MTC	T25 ICG (7.5 Cu. In.)	7.30	10	40	#6 AWG
1"	T35	T35 MT	T35 CGN	T35 MTC	T35 ICG (10.8 Cu. In.)	12.20	5	64	3 #4 AWG
1 1/4"	T45	T45 MT	T45 CGN	T45 MTC	-	33.10	2	165	3 #2 AWG
1 1/2"	T55	T55 MT	T55 CGN	T55 MTC	-	33.10	2	150	3 #2 AWG
2"	T65	T65 MT	T65 CGN	T65 MTC	-	67.00	1	270	3 #1 AWG
2 1/2"	T75	-	T75 CGN	-	-	67.00	1	500	3 #3/0 AWG
3"	T85	-	T85 CGN	-	-	175.00	1	600	3 #3/0 AWG
3 1/2"	T95	-	T95 CGN	-	-	298.00	1	900	3 #4/0 AWG
4"	T105	-	T105 CGN	-	-	300.00	1	1000	3 #4/0 AWG

*Weight lbs. per 100 is listed for outlet body only.



TYPE TB

Size	Outlet Body		SnapPack			Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100*	Max. No. of Conductors
	Cat. # Rigid/IMC	Cat. # Combo EMT, Rigid/IMC	Cat. # Rigid/IMC Body, Traditional Cover & Gasket	Cat. # Combo EMT, Body, Traditional Cover & Gasket	Cat. # NEMA 4 Rigid/IMC Body, Integral Cover & Gasket				
1/2"	TB15	-	-	-	TB15 ICG (4.5 Cu. In.)	4.50	10	29	-
3/4"	TB25	-	-	-	TB25 ICG (7.5 Cu. In.)	7.50	10	42	3 #6 AWG
1"	TB35	-	-	-	TB35 ICG (10.8 Cu. In.)	10.80	5	58	3 #4 AWG
1 1/4"	TB45	-	-	-	-	32.30	2	110	3 #2 AWG
1 1/2"	TB55	-	-	-	-	34.20	2	109	3 #2 AWG
2"	TB65	-	-	-	-	71.40	1	192	3 #2/0 AWG

*Weight lbs. per 100 is listed for outlet body only.



TYPE X

Size	Outlet Body		SnapPack			Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100*	Max. No. of Conductors
	Cat. # Rigid/IMC	Cat. # Combo EMT, Rigid/IMC	Cat. # Rigid/IMC Body, Traditional Cover & Gasket	Cat. # Combo EMT, Body, Traditional Cover & Gasket	Cat. # NEMA 4 Rigid/IMC Body, Integral Cover & Gasket				
1/2"	X15	-	-	-	X15 ICG (4.5 Cu. In.)	4.50	10	31	-
3/4"	X25	-	-	-	X25 ICG (7.5 Cu. In.)	7.50	10	47	3 #6 AWG
1"	X35	-	-	-	X35 ICG (10.8 Cu. In.)	10.80	5	62	3 #4 AWG
1 1/4"	X45	-	-	-	-	32.30	2	118	3 #2 AWG
1 1/2"	X55	-	-	-	-	34.20	2	118	3 #2 AWG
2"	X65	-	-	-	-	71.40	1	213	3 #2/0 AWG

*Weight lbs. per 100 is listed for outlet body only.

Series 5 Die Cast Aluminum Conduit Outlet Bodies, Covers & Gaskets

INTEGRAL GASKET COVERS

Aluminum Cover
with Neoprene
Integral Gasket



Size	Cat. #	Unit Qty.	Wt. Lbs. Per 100
1/2"	150G	50	6
3/4"	250G	50	7
1"	350G	50	8
1 1/4" - 1 1/2"	450G	50	17
2"	650G	25	26
2 1/2" - 3"	850G	10	80
3 1/2" - 4"	950G	10	145

1/2" - 3" are NEMA 4 rated.

ALUMINUM COVERS

Aluminum



Size	Cat. #	Unit Qty.	Wt. Lbs. Per 100
1/2"	150	50	5
3/4"	250	50	6
1"	350	50	7
1 1/4" - 1 1/2"	450	50	15
2"	650	25	24
2 1/2" - 3"	850	10	78
3 1/2" - 4"	950	10	140

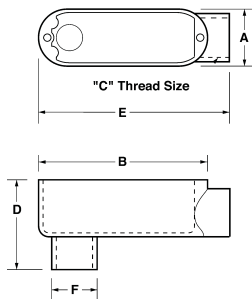
GASKETS

Neoprene



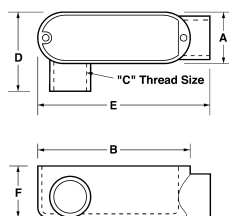
Size	Cat. #	Unit Qty.	Wt. Lbs. Per 100
1/2"	GASK015N	50	2
3/4"	GASK025N	50	2
1"	GASK035N	50	3
1 1/4" - 1 1/2"	GASK045N	50	6
2"	GASK065N	25	10
2 1/2" - 3"	GASK085N	10	20
3 1/2" - 4"	GASK095N	10	30

Series 5



Type LB Dimensions (in Inches) – Threaded & Set Screw:

Size	A	B	C	D	E	F
1/2"	1.31	3.87	0.50	2.11	4.24	1.07
3/4"	1.53	4.67	0.75	2.38	4.97	1.28
1"	1.74	5.37	1.00	2.74	5.79	1.56
1 1/4"	2.49	7.23	1.25	3.50	7.79	1.99
1 1/2"	2.49	7.23	1.50	3.65	7.81	2.27
2"	3.10	9.46	2.00	4.24	10.20	2.91
2 1/2"	4.44	12.22	2.50	5.75	13.14	3.43
3"	4.44	12.22	3.00	6.41	13.14	4.13
3 1/2"	5.42	14.83	3.50	7.11	15.46	4.65
4"	5.42	14.83	4.00	7.20	15.46	5.16



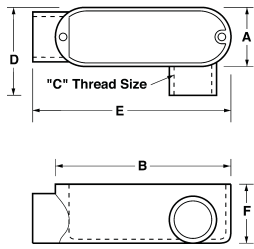
Type LR Dimensions (in Inches) – Threaded & Set Screw:

Size	A	B	C	D	E	F
1/2"	1.31	3.87	0.50	2.06	4.40	1.40
3/4"	1.53	4.67	0.75	2.28	5.07	1.64
1"	1.74	5.37	1.00	2.51	5.94	1.90
1 1/4"	2.49	7.23	1.25	3.50	7.87	2.85
1 1/2"	2.49	7.23	1.50	3.50	7.87	2.85
2"	3.10	9.46	2.00	3.83	9.88	3.41
2 1/2"	4.50	12.22	2.50	6.00	13.14	4.00
3"	4.65	12.22	3.00	6.10	13.00	4.70
3 1/2"	5.42	14.83	3.50	6.40	15.45	5.43
4"	5.42	14.83	4.00	6.40	15.45	5.43

Series 5

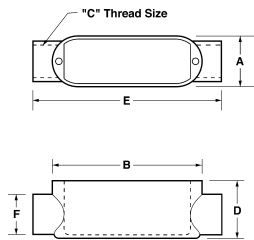
Die Cast Aluminum Conduit Outlet Bodies, Covers & Gaskets

Series 5



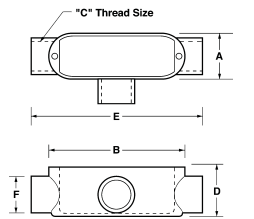
Type LL Dimensions (in Inches) – Threaded & Set Screw:

Size	A	B	C	D	E	F
1/2"	1.31	3.87	0.50	2.06	4.40	1.40
3/4"	1.53	4.67	0.75	2.28	5.07	1.64
1"	1.74	5.37	1.00	2.68	5.94	1.90
1 1/4"	2.49	7.23	1.25	3.50	7.87	2.85
1 1/2"	2.49	7.23	1.50	3.50	7.87	2.85
2"	3.10	9.46	2.00	3.83	10.20	3.41
2 1/2"	4.50	12.22	2.50	6.00	13.14	4.00
3"	4.65	12.22	3.00	6.10	13.00	4.70
3 1/2"	5.42	14.83	3.50	6.05	15.35	5.43
4"	5.42	14.83	4.00	6.05	15.35	5.43



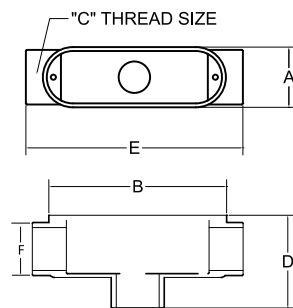
Type C Dimensions (in Inches) – Threaded & Set Screw:

Size	A	B	C	D	E	F
1/2"	1.31	3.87	0.50	1.40	4.82	1.07
3/4"	1.53	4.67	0.75	1.64	5.50	1.35
1"	1.74	5.37	1.00	1.90	6.44	1.67
1 1/4"	2.49	7.23	1.25	2.73	8.45	2.27
1 1/2"	2.49	7.23	1.50	2.73	8.45	2.27
2"	3.10	9.46	2.00	3.41	10.71	2.91
2 1/2"	4.50	12.22	2.50	4.30	14.00	3.50
3"	4.65	12.22	3.00	4.66	13.80	4.13
3 1/2"	5.42	14.83	3.50	5.36	16.10	5.30
4"	5.42	14.83	4.00	5.36	16.10	5.30



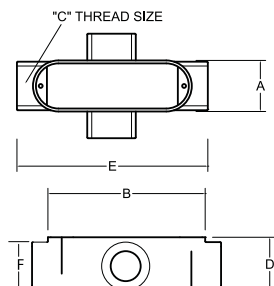
Type T Dimensions (in Inches) – Threaded & Set Screw:

Size	A	B	C	D	E	F
1/2"	1.31	3.87	0.50	1.40	4.82	1.07
3/4"	1.53	4.67	0.75	1.64	5.40	1.35
1"	1.74	5.37	1.00	1.90	6.33	1.15
1 1/4"	2.49	7.23	1.25	2.73	8.45	2.27
1 1/2"	2.49	7.23	1.50	2.73	8.45	2.27
2"	3.10	9.46	2.00	3.41	10.71	2.91
2 1/2"	4.50	12.22	2.50	4.00	14.00	3.50
3"	4.65	12.22	3.00	4.66	13.80	4.13
3 1/2"	5.42	14.83	3.50	5.40	16.00	5.30
4"	5.42	14.83	4.00	5.40	16.00	5.30



Type TB Dimensions (in Inches) – Threaded & Set Screw:

Size	A	B	C	D	E	F
1/2"	1.31	3.92	0.50	2.10	4.72	1.07
3/4"	1.53	4.64	0.75	2.40	5.51	1.28
1"	1.74	5.38	1.00	2.77	6.47	1.56
1 1/4"	2.49	7.24	1.25	3.53	8.25	1.99
1 1/2"	2.49	7.24	1.50	3.53	8.25	2.27
2"	3.10	9.50	2.00	4.50	10.50	2.91



Type X Dimensions (in Inches) – Threaded & Set Screw:

Size	A	B	C	D	E	F
1/2"	1.31	3.92	0.50	1.37	4.72	1.07
3/4"	1.53	4.64	0.75	1.63	5.51	1.28
1"	1.74	5.38	1.00	1.88	6.47	1.56
1 1/4"	2.49	7.24	1.25	2.51	8.25	1.99
1 1/2"	2.49	7.24	1.50	2.50	8.25	2.27
2"	3.10	9.50	2.00	3.40	10.50	2.91

Form 5 Conduit Outlet Bodies, Covers & Gaskets – Malleable Iron

Applications:

Form 5 Malleable Iron Conduit Bodies are used in conduit systems to:

- Act as pull outlets for conductors being installed
- Provide openings for making splices and taps in conductors
- Act as mounting outlets for lighting fixtures and wiring devices
- Connect conduit sections
- Provide taps for branch conduit runs
- Make 90 degree bends in conduit runs
- Provide for access to conductors for maintenance and future system changes

Features:

- Interchangeable with Appleton Form 35 Conduit Bodies
- Built-in rollers on 1 1/4" to 4" C and LB bodies to facilitate wire pulling
- Smooth and rounded integral bushings for protection of wire insulation
- Solid neoprene gaskets may be converted to open type by pulling out perforated center section
- Stainless steel cover screws
- Domed sheet steel covers provide additional cubic capacity
- Integral gasket cover provides NEMA 4 rating

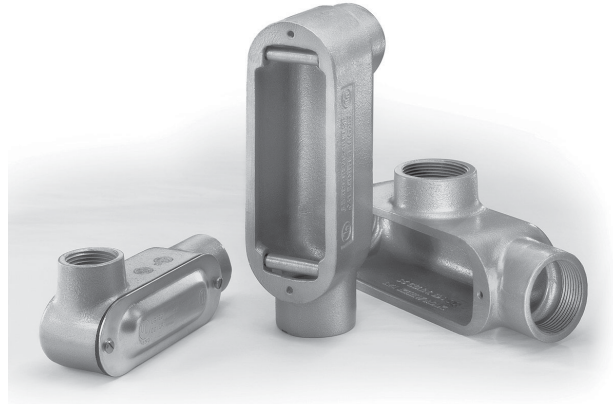
Certifications and Compliances:

- UL File No. E-15022
- UL Standard 514B
- cUL/CSA to CSA Standard C22.2 No. 18

Standard Materials:

- Bodies – malleable iron
- Gaskets – neoprene
- Covers – sheet steel or malleable
- Cover screws – stainless steel

Form 35 is a registered trademark of Appleton Electric/EGS.



Form 5

Standard Finishes:

- Malleable iron – electrogalvanized and aluminum acrylic paint
- Neoprene – natural
- Sheet steel – electrogalvanized
- Stainless steel – natural

Options:

Description	Suffix
• Hot dip galvanized	HDG

Form 5 Conduit Outlet Bodies, Covers & Gaskets – Malleable Iron

Options:

Description

- SnapPack™ – packaged body and integral gasket cover†.....CG
Available on all configurations (1/2" - 2")

Suffix

TYPE C‡



Cat. #	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. No. of Conductors
C50M	1/2"	4.5	10	98	N/A
C75M	3/4"	7.5	10	118	3 #6 AWG
C100M	1"	12.5	10	170	3 #4 XHHW
C125M*	1 1/4"	35.0	5	309	3 #2 XHHW
C150M*	1 1/2"	35.3	5	368	3 #1/0 XHHW
C200M*	2"	75.0	1	552	3 #4/0 XHHW
C250M*	2 1/2"	153.0	1	1216	3 #300MCM XHHW
C300M*	3"	181.0	1	1437	3 #350MCM XHHW
C350M*	3 1/2"	290.0	1	2210	3 #350MCM XHHW
C400M*	4"	320.0	1	2321	3 #350MCM XHHW

*1 1/4" - 4" LB and C bodies supplied with built-in rollers to facilitate wire pulling.

TYPE LB‡



Cat. #	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. No. of Conductors
LB50M	1/2"	4.5	10	71	N/A
LB75M	3/4"	7.5	10	97	3 #6 AWG
LB100M	1"	12.5	10	143	3 #4 XHHW
LB125M*	1 1/4"	32.0	5	287	3 #2 XHHW
LB150M*	1 1/2"	35.3	5	331	3 #2 XHHW
LB200M*	2"	73.0	1	534	3 #4/0 XHHW
LB250M*	2 1/2"	142.0	1	1105	3 #300MCM XHHW
LB300M*	3"	173.0	1	1160	3 #400MCM XHHW
LB350M*	3 1/2"	292.0	1	1989	3 #500MCM XHHW
LB400M*†	4"	324.0	1	2099	3 #500MCM XHHW

*1 1/4" - 4" LB and C bodies supplied with built-in rollers to facilitate wire pulling.

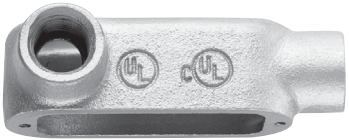
†Self-certified to #500MCM XHHW.

TYPE LR‡



Cat. #	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. No. of Conductors
LR50M	1/2"	4.5	10	71	N/A
LR75M	3/4"	7.5	10	100	3 #6 AWG
LR100M	1"	12.5	10	157	3 #4 XHHW
LR125M	1 1/4"	32.0	5	332	3 #2 XHHW
LR150M	1 1/2"	35.3	5	345	3 #2 XHHW
LR200M	2"	68.0	1	626	3 #4/0 XHHW
LR250M	2 1/2"	142.0	1	1105	3 #300MCM XHHW
LR300M	3"	173.0	1	1437	3 #350MCM XHHW
LR350M	3 1/2"	292.0	1	2321	3 #350MCM XHHW
LR400M	4"	324.0	1	2500	3 #350MCM XHHW

TYPE LL‡



Cat. #	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. No. of Conductors
LL50M	1/2"	4.5	10	76	N/A
LL75M	3/4"	7.5	10	95	3 #6 AWG
LL100M	1"	12.5	10	138	3 #4 XHHW
LL125M	1 1/4"	32.0	5	309	3 #2 XHHW
LL150M	1 1/2"	33.0	5	332	3 #2 XHHW
LL200M	2"	68.0	1	497	3 #4/0 XHHW
LL250M	2 1/2"	142.0	1	1105	3 #300MCM XHHW
LL300M	3"	173.0	1	1437	3 #350MCM XHHW
LL350M	3 1/2"	292.0	1	2321	3 #350MCM XHHW
LL400M	4"	324.0	1	2431	3 #350MCM XHHW

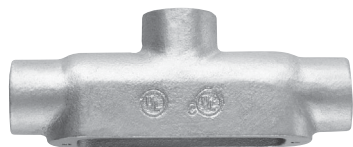
TYPE T‡



Cat. #	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. No. of Conductors
T50M	1/2"	6.0	10	111	N/A
T75M	3/4"	9.5	10	137	3 #6 AWG
T100M	1"	15.0	10	196	3 #4 XHHW
T125M	1 1/4"	33.0	5	332	3 #2 XHHW
T150M	1 1/2"	36.0	5	368	3 #1 XHHW
T200M	2"	76.0	1	663	3 #4/0 XHHW
T250M	2 1/2"	142.0	1	1271	3 #300MCM XHHW
T300M	3"	173.0	1	1547	3 #350MCM XHHW
T350M	3 1/2"	292.0	1	2542	3 #350MCM XHHW
T400M	4"	324.0	1	2542	3 #350MCM XHHW

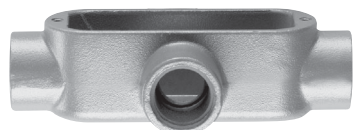
Form 5 Conduit Outlet Bodies, Covers & Gaskets – Malleable Iron

TYPE TB‡



Cat. #	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. No. of Conductors
TB50M	1/2"	6.0	10	88	N/A
TB75M	3/4"	9.5	10	120	3 #6 AWG
TB100M	1"	15.0	10	197	3 #6 AWG
TB125M	1 1/4"	33.0	5	342	3 #6 AWG
TB150M	1 1/2"	36.0	5	420	3 #4 XHHW
TB200M	2"	76.0	1	691	3 #1/0 XHHW

TYPE X‡



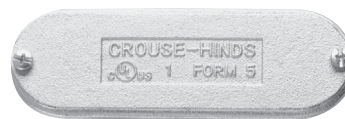
Cat. #	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. No. of Conductors
X50M	1/2"	6.0	10	139	N/A
X75M	3/4"	9.5	10	172	3 #6 AWG
X100M	1"	15.0	10	247	3 #4 XHHW
X125M	1 1/4"	33.0	5	416	3 #2 XHHW
X150M	1 1/2"	36.0	5	463	3 #1/0 XHHW
X200M	2"	76.0	1	833	3 #4/0 XHHW

SHEET STEEL COVERS



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
K50S	1/2"	50	9
K75S	3/4"	50	13
K100S	1"	25	19
K125S	1 1/4" and 1 1/2"	20	31
K200S	2"	5	50
K250S	2 1/2" and 3"	5	94
K350S	3 1/2" and 4"	5	138

CAST IRON COVERS



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
K50CM	1/2"	50	23
K75CM	3/4"	50	31
K100CM	1"	25	41
K125CM	1 1/4" and 1 1/2"	20	91
K200CM	2"	5	208
K250CM	2 1/2" and 3"	5	358
K350CM	3 1/2" and 4"	5	550

NEOPRENE GASKETS – PERFORATED CENTER



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
GK50N	1/2"	100	2.0
GK75N	3/4"	100	2.0
GK100N	1"	50	2.9
GK125N	1 1/4" and 1 1/2"	25	5.0
GK200N	2"	25	8.0
GK250N	2 1/2" and 3"	25	16.0
GK350N	3 1/2" and 4"	25	26.4

INTEGRAL GASKET COVER – SHEET STEEL



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
K50SG	1/2"	50	14
K75SG	3/4"	50	16
K100SG	1"	25	46
K125SG	1 1/4" and 1 1/2"	20	62
K200SG	2"	5	70
K250SG	2 1/2" and 3"	5	190
K350SG	3 1/2" and 4"	5	340

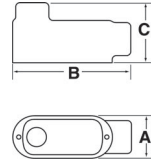
Form 5

Form 5 Conduit Outlet Bodies, Covers & Gaskets – Malleable Iron

Dimensions (in Inches):

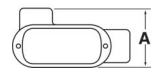
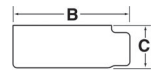
Type LB

Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
A	1.34	1.50	1.80	2.60	2.60	3.12	4.31	4.31	5.62	5.62
B	4.68	5.37	6.20	8.12	8.12	10.50	13.60	13.87	16.25	16.60
C	2.05	2.25	2.65	2.75	2.83	4.42	5.40	5.90	6.90	7.21



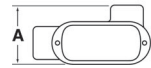
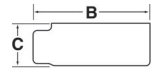
Type LL

Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
A	2.05	2.25	2.65	2.75	3.50	4.12	5.71	5.87	7.13	7.13
B	4.68	5.37	6.20	8.12	8.12	10.50	13.60	13.87	16.50	16.50
C	1.37	1.70	1.90	2.75	2.83	3.31	3.90	4.75	6.81	7.19



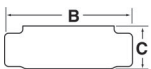
Type LR

Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
A	2.05	2.25	2.65	2.75	3.50	4.12	5.71	5.87	6.10	6.95
B	4.68	5.37	6.20	8.12	8.12	10.50	13.60	13.87	6.25	16.25
C	1.37	1.70	1.90	2.75	2.83	3.31	3.90	4.75	5.62	5.62



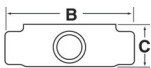
Type C

Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
A	1.34	1.50	1.80	2.60	2.60	3.12	4.31	4.31	4.88	4.88
B	5.38	6.00	7.05	9.00	9.00	11.50	15.00	15.12	18.13	18.13
C	1.37	1.70	1.90	2.75	2.83	3.31	3.90	4.75	5.19	5.56



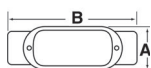
Type T

Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
A	2.05	2.25	2.65	2.75	3.50	4.12	5.71	5.87	6.81	7.15
B	5.38	6.00	7.05	9.00	9.00	11.50	15.00	15.12	18.13	18.13
C	1.34	1.50	1.80	2.60	2.60	3.12	4.31	4.31	5.19	5.56



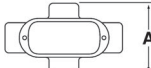
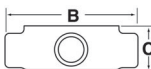
Type TB

Size	1/2	3/4	1	1 1/4	1 1/2	2
A	1.34	1.50	1.80	2.60	2.60	3.12
B	5.38	6.00	7.05	9.00	9.00	11.50
C	2.05	2.25	2.65	2.75	2.83	4.42



Type X

Size	1/2	3/4	1	1 1/4	1 1/2	2
A	2.79	2.93	3.56	4.43	4.43	5.40
B	5.41	6.08	7.10	9.10	9.10	11.75
C	1.75	1.97	2.25	2.55	2.75	3.45



Cast Device Boxes

FS & FD Boxes

Applications:

Cast device boxes are installed to:

- Accommodate wiring devices
- Act as pull boxes for conductors in a conduit system
- Provide openings to make splices and taps in conductors
- Use indoors and outdoors
- Use in applications where boxes may be subjected to rough use

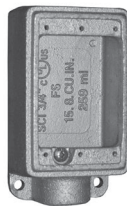
Features:

- Green ground screw is located on the flange of the box for easy ground wire termination and is standard on boxes
- Suitable for use in wet locations when used with gasket and flat blank covers
- Mounting lugs standard
- Tapered threaded hubs (NPT) with integral bushing
- Available as shallow (FS) or deep (FD) configuration
- Ample wiring room provided in either FS or FD configuration
- Wide selection of surface or flush covers available in three materials (sheet malleable, steel, aluminum)
- Malleable iron construction provides high tensile strength for strong, dependable service
- Covers are individually bagged and supplied with screws

Certifications and Compliances:

- cULus
- cCSAus

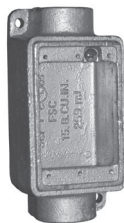
FS BOXES



FSM1

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
FSM1	1/2"	5	222
FSM2	3/4"	5	234
FSM3	1"	5	243

FSC BOXES



FSCM1

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
FSCM1	1/2"	5	234
FSCM2	3/4"	5	241
FSCM3	1"	5	250

FD BOXES



FDM1

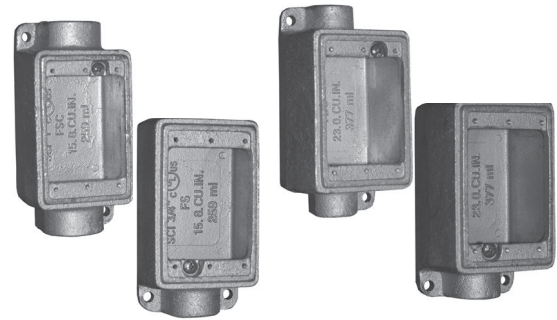
Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
FDM1	1/2"	2	278
FDM2	3/4"	2	273
FDM3	1"	2	284

FDC BOXES



FDCM1

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
FDCM1	1/2"	2	313
FDCM2	3/4"	2	294
FDCM3	1"	2	306



Standard Material:

- Malleable iron

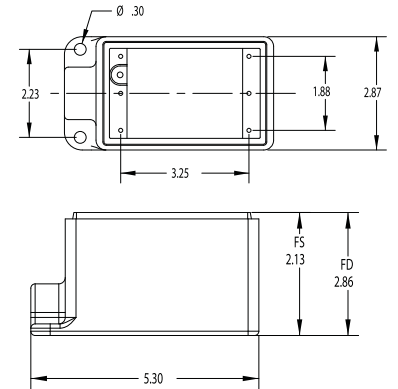
Standard Finish:

- Malleable iron – zinc electroplate

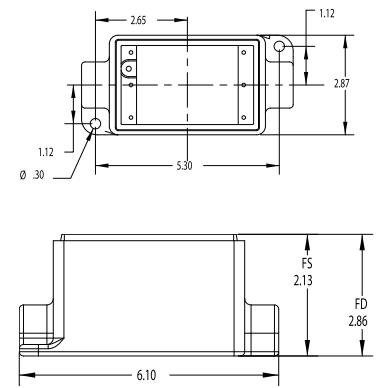
Options:

Description	Suffix
• Hot dip galvanized	HDG

FS & FD Dimensions



FSC & FDC Dimensions



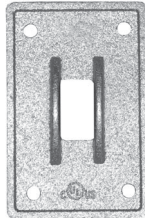
Cast Device Boxes

FS & FD Covers

FS & FD COVERS – MALLEABLE



FBCM1



SWCM1



RCM1

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
FBCM1	Malleable Iron Flat Blank Cover	25	56
SWCM1	Malleable Iron Switch Cover	25	63
RCM1	Malleable Iron Duplex Receptacle Cover	25	55

FS & FD COVERS – STEEL



FBCS1



SWCS1



RCS1



GFICS1

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
FBCS1	Steel Flat Blank Cover	25	18
SWCS1	Steel Switch Cover	25	16
RCS1	Steel Duplex Receptacle Cover	25	13
GFICS1	Steel GFCI Cover	25	12

FS & FD COVERS – ALUMINUM



FBCA1

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
FBCA1	Aluminum Flat Blank Cover	25	9

FS & FD BOX GASKETS



FSGSK1

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
FSGSK1	Neoprene Gasket	25	3.5

Cast Device Boxes

Cast Device Boxes

VXF Stainless Steel Junction Boxes

Applications:

For use where high quality, durable products that withstand corrosion, chemical treatments and wash downs are required, including:

- Wastewater treatment plants
- Food and beverage facilities
- Pharmaceutical plants
- Pulp and paper mills
- Mines

VXF Stainless Steel Junction Boxes are installed in threaded rigid conduit systems to:

- Act as junction boxes for making terminations
- Act as pull outlets

Features:

VXF Junction Box

Includes:

- Four tapped conduit openings with three 316 stainless steel installed recessed hex plugs
- Four 1/4-20 x 1" stainless steel hex head bolts for mounting box to surface
- One 10-32 x 1/4" installed green ground screw with slotted head

VXF Hub Cover

Includes:

- Fixture rated up to 130 lbs. with VXF body
- Neoprene gasket
- Four 1/4-20 x 5/8" stainless steel hex head bolts and lock washer for cover attachment to box
- One 10-24 x 5/8" Phillips pan head set screw

VXF Blank Cover

Includes:

- Neoprene gasket
- Four 1/4-20 x 5/8" stainless steel hex head bolts for cover attachment to box
- GRF10SS comes with PVC protective peel off coating

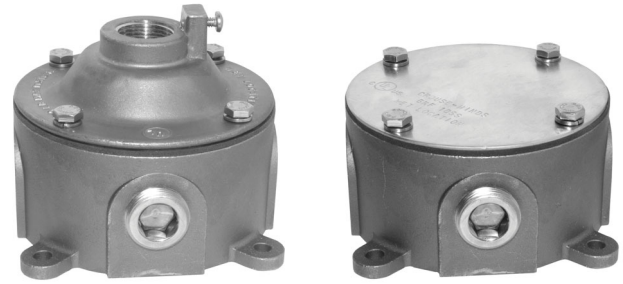
GRF Replacement Gasket

Includes:

- Neoprene gasket

Certifications and Compliances:

- UL/cUL Listed, File No. E-15022
- NEC/CEC
 - Class I, Division 2
 - Class II, Divisions 1 & 2
 - Class III
- Fixture rated (with pendant cover)
- UL514A
- Wet locations
- NEMA 4X
- Assembled in the USA



Standard Materials:

- Body, plugs and cover – 316 stainless steel
- Nuts and washers – stainless steel
- Gasket – neoprene

Standard Finishes:

- Body, plugs, nuts and washer – natural
- GRF10SS – natural with #4 brushed finish

VXF JUNCTION BOXES



Cat. #	Description
VXF20SS	3/4" X Style Junction Box
VXF30SS	1" X Style Junction Box

VXF HUB COVER



Cat. #	Description
VXF12SS	3/4" Pendant Cover with Gasket

VXF BLANK COVER



Cat. #	Description
GRF10SS	Flat Cover with Gasket

GRF REPLACEMENT GASKET



Cat. #	Description
GASK643	Neoprene Gasket

Applications:

- Myers™ Hubs are used in the termination of electrical circuits through wall of the enclosure
- Designed for use indoors or outdoors with rigid conduit and IMC
- Ideal for pharmaceutical, chemical and food processing, pulp/paper, nuclear, solar and commercial construction applications
- Resistant to a variety of chemicals, including acetic, citric and salt water
- Special design of o-ring gasket provides excellent environmental ratings and chemical resistance
- Hub is provided with a stainless steel ground nut



Features:

- Wide range of styles, trade sizes and materials to meet customer requirements and preferences
- Multiple certifications provide users peace of mind
- Easy installation and smooth pulling service for labor savings
- Tapered female threads for rigid/IMC conduit, NPSM male threads

Certifications and Compliances:

- NEC/CEC:
 - Class I, Division 2
 - Class II, Divisions 1 & 2
 - Class III, Divisions 1 & 2
 - Class I, Zone 1, AEx e II
 - Class I, Zone 1, Ex e II
- UL Listed – UL Standard 514B
- CSA certified – certified by UL to CSA Standard C22.2 No. 18
- NEMA Type 2, 3, 3R, 4, 4X, 12 (std. hub and ground hub)
- IEC:
 - ATEX certified to EN60079-0:2009, EN60079-7:2007 and EN60079-14 standards
 - ATEX certified – ITS12ATEX47591X II 2G Ex e IIC Gb Ta (-15°C to 120°C)
 - IECEx certified – IECEx ETL 12.0009X to IEC 60079-0:2007-10, Edition 5 and IEC 60079-7:2006-07, Edition 4
 - IECEx – Ex e II Gb Ta (-15°C to 120°C)
 - IP66

Standard Materials:

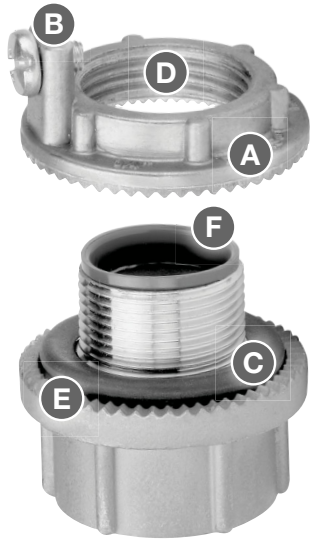
- Nut – zinc (Zamek-2, Zamek-3); aluminum (Al 360); stainless (316)
- Body – zinc (Zamek-2, Zamek-3); aluminum (Al 360); stainless (316)
- Insuliner – Lexan
- O-ring gasket – nitrile; Viton for ATEX versions
- Ground screw – steel/stainless steel

Standard Finishes:

- Aluminum – natural
- Zinc – natural
- Stainless – natural

Options:

- | Description | Suffix |
|--|-----------|
| • Nickel-chrome plate finish (available on zinc hubs only) | CP |



Design Features

- A Vibration-proof** - Strong, oversize nut with radial serrations assures flush installation and positive grounding.
- B Grounding Screw** for added safety.
- C Captive O-ring Gasket** - Impervious to corrosive moisture and petroleum products. Gasket assures positive water and dusttight installations.
- D Precision Machine Cut Threads** - Positive fit and simple installation.
- E No Welding** - Unique serrations on both nut and hub bite into metal, assuring a positive electrical ground. (UL approved for use with service entrance conduit).
- F Posi-Lok Insulated Throat** - Cannot come out. Standard in sizes from 1/2" through 4".

Hub Basic Scru-Tite®

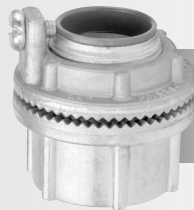
Hubs are ideal for general use with rigid conduit. Provides positive seal and electrical ground.



Available in trade sizes 3/8" through 6"

Ground Hub

Combines all of the features of the Hub Basic Scru-Tite® plus the additional feature of the grounding screw on the locknut.



Available in trade sizes 1/2" through 6"

ATEX Rated Hub

Hub is listed for use in hazardous (classified) locations to IECEx/ATEX certifications. Ideal for global requirements and OEMs shipping material worldwide.



Available in trade sizes 1/2" through 4"

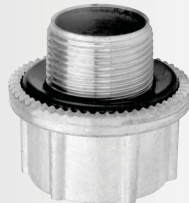
Through-bulkhead Fitting

Hubs are the perfect method for installing hubs on cast boxes or through thicker walls.



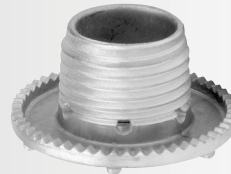
Metric to NPT Adapter

Used to convert a threaded metric entry to an NPT entry.



Drain Plugs

Designed to install in the bottom of an enclosure to drain any accumulated condensation. Available in aluminum or stainless steel construction.



Cap-off

Designed to install in enclosure to provide environmental cap for unused entries or knockouts.



HUB BASIC SCR-U-TITE® – NEMA 2, 3, 3R, 4, 4X, 12

Zinc

UL File No. E-27258



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
ST 03†	3/8"	25	11
ST 1†	1/2"	25	19
ST 2†	3/4"	25	27
ST 3†	1"	25	40
ST 4†	1 1/4"	10	51
ST 5†	1 1/2"	10	68
ST 6†	2"	10	92
ST 7†	2 1/2"	5	210
ST 8†	3"	2	245
ST 9†	3 1/2"	2	278
ST 10†	4"	2	318
ST 11*	5"	1	478
ST 12*	6"	1	685

†Optional nickel-chrome plate finish. Add suffix -CP.

*Not supplied with insulator.

GROUND HUB – NEMA 2, 3, 3R, 4, 4X, 12 Zinc

UL File No. E-59509



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100	Max. Copper Grd. Wire Size	
				CSA‡	UL‡
STG 1	1/2"	25	20	#8	#8
STG 2	3/4"	25	28	#8	#8
STG 3	1"	25	42	#8	#8
STG 4	1 1/4"	10	55	#8	#8
STG 5	1 1/2"	10	70	#6	#8
STG 6	2"	10	95	#4	#8
STG 7	2 1/2"	5	190	#2	#6
STG 8	3"	2	243	1/0	#6
STG 9	3 1/2"	2	300	2/0	#6
STG 10	4"	2	323	2/0	#4
STG 11*	5"	1	625	2/0	#2
STG 12*	6"	1	750	3/0	#1

*Not supplied with insulator.

‡Use of wire terminal is required by CSA and recommended by UL for wire gauges over 10 AWG.

HUB BASIC SCR-U-TITE® – NEMA 2, 3, 3R, 4, 4X, 12 Aluminum

UL File No. E-27258



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
STA 1	1/2"	25	8
STA 2	3/4"	25	11
STA 3	1"	25	17
STA 4	1 1/4"	10	30
STA 5	1 1/2"	10	30
STA 6	2"	10	38
STA 7	2 1/2"	5	80
STA 8	3"	2	100
STA 9	3 1/2"	2	138
STA 10	4"	2	150
STA 11*	5"	1	300
STA 12*	6"	1	300

*Not supplied with insulator.

GROUND HUB – NEMA 2, 3, 3R, 4, 4X, 12 Aluminum

UL File No. E-59509



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100	Max. Copper Grd. Wire Size	
				CSA‡	UL‡
STAG 1	1/2"	25	13	#8	#8
STAG 2	3/4"	25	14	#8	#8
STAG 3	1"	25	18	#8	#8
STAG 4	1 1/4"	10	25	#8	#8
STAG 5	1 1/2"	10	33	#6	#8
STAG 6	2"	10	41	#4	#8
STAG 7	2 1/2"	5	90	#2	#6
STAG 8	3"	2	103	1/0	#6
STAG 9	3 1/2"	2	138	2/0	#6
STAG 10	4"	2	140	2/0	#4
STAG 11*	5"	1	325	3/0	#2
STAG 12*	6"	1	350	3/0	#1

*Not supplied with insulator.

‡Use of wire terminal is required by CSA and recommended by UL for wire gauges over 10 AWG.

GROUND HUB – NEMA 2, 3, 3R, 4, 4X, 12 316 Stainless Steel

UL File No. E-59509



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
SSTG 1	1/2"	10	29
SSTG 2	3/4"	10	41
SSTG 3	1"	10	57
SSTG 4	1 1/4"	5	73
SSTG 5	1 1/2"	5	99
SSTG 6	2"	5	134
SSTG 7	2 1/2"	2	183
SSTG 8	3"	2	278
SSTG 9	3 1/2"	2	328
SSTG 10	4"	2	395

ATEX HAZARDOUS LOCATION HUB WITH INCREASED SAFETY GROUND TERMINAL

Zinc – NEMA 2, 3, 3R, 4, 4X; IP66

 II 2 G Ex e IIC Gb Ta (-15°C to 120°C)

IECEX – Ex e II Gb Ta (-15°C to 120°C)
Class I, Zone 1, AEx e II
Class I, Zone 1, Ex e II

UL File No. E-59509




Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100	Max. Copper Grd. Wire Size	
				CSA‡	UL‡
STGK 1	1/2"	10	20	#8	#8
STGK 2	3/4"	10	31	#8	#8
STGK 3	1"	10	44	#8	#8
STGK 4	1 1/4"	5	60	#8	#8
STGK 5	1 1/2"	5	73	#6	#8
STGK 6	2"	5	99	#4	#8
STGK 7	2 1/2"	2	145	#2	#6
STGK 8	3"	2	243	1/0	#6
STGK 9	3 1/2"	2	304	2/0	#6
STGK 10	4"	2	327	2/0	#4

‡Use of wire terminal is required by CSA and recommended by UL for wire gauges over 10 AWG.

ATEX HAZARDOUS LOCATION HUB WITH INCREASED SAFETY GROUND TERMINAL

316 Stainless Steel – NEMA 2, 3, 3R, 4, 4X; IP66

 II 2 G Ex e IIC Gb Ta (-15°C to 120°C)

IECEX – Ex e II Gb Ta (-15°C to 120°C)
Class I, Zone 1, AEx e II
Class I, Zone 1, Ex e II

UL File No. E-59509



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100	Max. Copper Grd. Wire Size	
				CSA‡	UL‡
SSTGK 1	1/2"	10	33	#8	#8
SSTGK 2	3/4"	10	44	#8	#8
SSTGK 3	1"	10	60	#8	#8
SSTGK 4	1 1/4"	5	76	#8	#8
SSTGK 5	1 1/2"	5	103	#6	#8
SSTGK 6	2"	5	137	#4	#8
SSTGK 7	2 1/2"	2	185	#2	#6
SSTGK 8	3"	2	281	1/0	#6
SSTGK 9	3 1/2"	2	331	2/0	#6
SSTGK 10	4"	2	399	2/0	#4

‡Use of wire terminal is required by CSA and recommended by UL for wire gauges over 10 AWG.

THROUGH-BULKHEAD FITTING – ZINC

UL File No. E-27258



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
STTB 1	1/2"	5	30
STTB 2	3/4"	5	50
STTB 3	1"	5	70
STTB 4	1 1/4"	5	85
STTB 5	1 1/2"	5	110
STTB 6	2"	5	152
STTB 7	2 1/2"	4	280
STTB 8	3"	2	408
STTB 9	3 1/2"	2	468
STTB 10	4"	2	533

THROUGH-BULKHEAD FITTING – ALUMINUM

UL File No. E-27258



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
STTBA 1	1/2"	5	11
STTBA 2	3/4"	5	21
STTBA 3	1"	5	31
STTBA 4	1 1/4"	5	40
STTBA 5	1 1/2"	5	50
STTBA 6	2"	5	65
STTBA 7	2 1/2"	4	106
STTBA 8	3"	2	175

THROUGH-BULKHEAD FITTING – ZINC WITHOUT NIPPLES

Packaged as two pieces unassembled
UL File No. E-27258



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
STTTB 1	1/2"	5	35
STTTB 2	3/4"	5	58
STTTB 3	1"	5	85
STTTB 4	1 1/4"	5	105
STTTB 5	1 1/2"	5	135
STTTB 6	2"	5	169

THROUGH-BULKHEAD FITTING – ALUMINUM WITHOUT NIPPLES

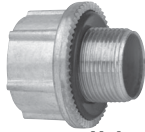
Packaged as two pieces unassembled
UL File No. E-27258



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
STTTBA 1	1/2"	5	16
STTTBA 2	3/4"	5	25
STTTBA 3	1"	5	35
STTTBA 4	1 1/4"	5	40
STTTBA 5	1 1/2"	5	50
STTTBA 6	2"	5	75

Conduit Hubs

METRIC TO NPT ADAPTER – ZINC



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
STM 1	M20 - 1/2"	25	13
STM 2	M25 - 3/4"	25	19
STM 3	M32 - 1"	25	32
STM 4	M40 - 1 1/2"	10	40
STM 5	M50 - 1 1/2"	10	57
STM 6	M63 - 2"	10	70

Note: The Myers metric to NPT hub adapter is used to convert a threaded metric entry to an NPT entry. The female thread is NPT and the male thread is metric.

METRIC TO NPT ADAPTER – 316 STAINLESS STEEL

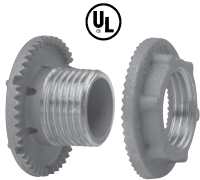


Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
SSTM 1	M20 - 1/2"	10	12
SSTM 2	M25 - 3/4"	10	27
SSTM 3	M32 - 1"	10	32
SSTM 4	M40 - 1 1/2"	5	46
SSTM 5	M50 - 1 1/2"	5	50
SSTM 6	M63 - 2"	5	99

Note: The Myers metric to NPT hub adapter is used to convert a threaded metric entry to an NPT entry. The female thread is NPT and the male thread is metric.

NON-HAZARDOUS DRAIN PLUG – 316 STAINLESS STEEL

UL File No. E-27258



SSTC 1



SSTC 1CD

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
SSTC 1	1/2"	25	17
SSTC 1CD	1/2"	10	12

NON-HAZARDOUS DRAIN PLUG – ALUMINUM

UL File No. E-27258



STAC 1ST



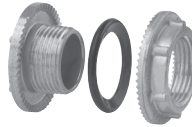
STAC 1CD

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
STAC 1ST	1/2"	25	6
STAC 1CD	1/2"	25	2

Note: SSTC 1 and STAC 1ST are for knockouts and are supplied with a locknut and straight threads. SSTC 1CD and STAC 1CD are for threaded openings and are supplied without locknut and NPT threads. Not gasketed to allow for water drainage.

CAP-OFF – ZINC

UL File No. E-27258

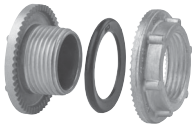


Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
STC 1†	1/2"	25	13
STC 2†	3/4"	25	19
STC 3†	1"	25	28
STC 4†	1 1/4"	10	40
STC 5†	1 1/2"	10	50
STC 6†	2"	10	67

†Optional nickel-chrome plate finish. Add suffix -CP.

CAP-OFF – ALUMINUM

UL File No. E-27258



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
STAC 1	1/2"	25	5
STAC 2	3/4"	25	8
STAC 3	1"	25	12

GROUND NUT – ZINC

UL File No. E-59509



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100	Max. Copper Grd. Wire Size	
				CSA‡	UL‡
STGN 1	1/2"	25	6	#8	#8
STGN 2	3/4"	25	10	#8	#8
STGN 3	1"	25	13	#8	#8
STGN 4	1 1/4"	10	15	#8	#8
STGN 5	1 1/2"	10	23	#6	#8
STGN 6	2"	10	28	#4	#8

‡Use of wire terminal is required by CSA and recommended by UL for wire gauges over 10 AWG.

GROUND NUT – ALUMINUM

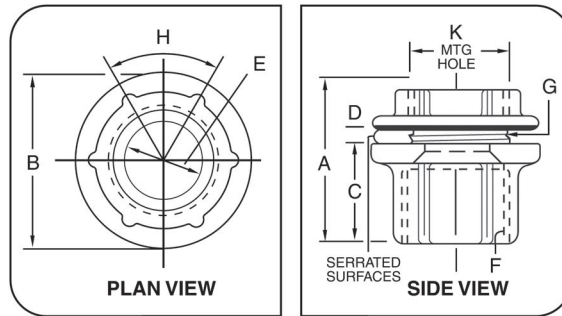
UL File No. E-59509



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100	Max. Copper Grd. Wire Size	
				CSA‡	UL‡
STAGN 1	1/2"	25	3	#8	#8
STAGN 2	3/4"	25	4	#8	#8
STAGN 3	1"	25	6	#8	#8
STAGN 4	1 1/4"	10	8	#8	#8
STAGN 5	1 1/2"	10	11	#6	#8
STAGN 6	2"	10	14	#4	#8

‡Use of wire terminal is required by CSA and recommended by UL for wire gauges over 10 AWG.

Hub Dimensions (in Inches):



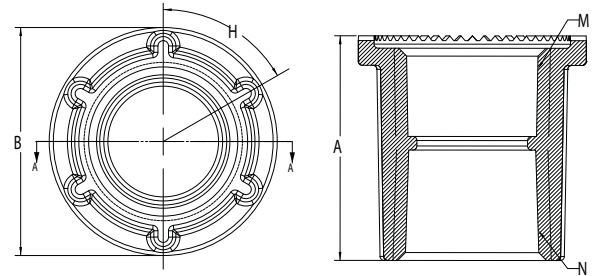
"D" dimension indicates maximum panel thickness which hub will accommodate.

Pipe Size	A	B	C	D	E		F	G	H	K (Mounting Hole)	
					Min.	Max.				Min.	Max.
3/8	1 ³ / ₃₂	1 ¹ / ₈	2 ¹ / ₃₂	1/8	0.468	0.493	3/8 NPT	3/8 NPSM	60°	43/64	11/16
1/2	1 ¹¹ / ₃₂	1 ⁷ / ₁₆	1 ³ / ₁₆	3/16	0.591	0.622	1/2 NPT	1/2 NPSM	60°	55/64	7/8
3/4	1 ¹⁵ / ₃₂	1 ²³ / ₃₂	2 ⁹ / ₃₂	3/16	0.783	0.824	3/4 NPT	3/4 NPSM	60°	1 ¹ / ₁₆	1 ¹ / ₈
1	1 ²¹ / ₃₂	2	1 ¹ / ₃₂	1/4	0.997	1.049	1 NPT	1 NPSM	60°	1 ²¹ / ₆₄	1 ³ / ₈
1 1/4	1 ¹¹ / ₁₆	2 ³ / ₈	1 ¹ / ₃₂	1/4	1.311	1.380	1 1/4 NPT	1 1/4 NPSM	60°	1 ⁴³ / ₆₄	1 ³ / ₄
1 1/2	1 ¹¹ / ₁₆	2 ³ / ₄	1 ¹ / ₃₂	1/4	1.529	1.610	1 1/2 NPT	1 1/2 NPSM	60°	1 ⁵⁹ / ₆₄	2
2	1 ³ / ₄	3 ¹ / ₄	1 ³ / ₃₂	1/4	1.964	2.067	2 NPT	2 NPSM	60°	2 ²⁵ / ₆₄	2 1/2
2 1/2	2 ¹ / ₃₂	3 ³ / ₄	1 ⁹ / ₃₂	1/4	2.346	2.469	2 1/2 NPT	2 1/2 NPSM	60°	2 ⁵⁷ / ₆₄	3
3	2 ⁵ / ₁₆	4 ³ / ₈	1 ³ / ₈	1/4	2.915	3.068	3 NPT	3 NPSM	45°	3 ³³ / ₆₄	3 ⁵ / ₈
3 1/2	2 ³ / ₈	5	1 ⁷ / ₁₆	1/4	3.371	3.548	3 1/2 NPT	3 1/2 NPSM	45°	4 ¹ / ₆₄	4 ¹ / ₈
4	2 ⁷ / ₁₆	5 ¹ / ₂	1 ¹ / ₂	1/4	3.825	4.026	4 NPT	4 NPSM	45°	4 ³³ / ₆₄	4 ⁵ / ₈
5	2 ¹⁵ / ₁₆	6 ³ / ₈	2	1/4	4.795	5.047	5 NPT	5 NPSM	45°	5 ³⁷ / ₆₄	5 ¹¹ / ₁₆
6	3	7 ¹¹ / ₁₆	2	5/16	5.762	6.065	6 NPT	6 NPSM	45°	6 ⁴¹ / ₆₄	6 ³ / ₄

Conduit Hubs

Bulkhead Dimensions (in Inches):

Cat. #	Size	A	B	H	M	N
STTB 1 STTB A 1 STTTB 1 STTTBA 1	1/2	1.465	1.429	60°	1/2 - 14 NPSM	1/2 - 14 NPT
STTB 2 STTB A 2 STTTB 2 STTTBA 2	3/4	1.652	1.677	60°	3/4 - 14 NPSM	3/4 - 14 NPT
STTB 3 STTB A 3 STTTB 3 STTTBA 3	1	1.801	1.998	60°	1 - 11 1/2 NPSM	1 - 11 1/2 NPT
STTB 4 STTB A 4 STTTB 4 STTTBA 4	1 1/4	1.711	2.373	60°	1 1/4 - 11 1/2 NPSM	1 1/4 - 11 1/2 NPT
STTB 5 STTB A 5 STTTB 5 STTTBA 5	1 1/2	1.717	2.741	60°	1 1/2 - 11 1/2 NPSM	1 1/2 - 11 1/2 NPT
STTB 6 STTB A 6 STTTB 6 STTTBA 6	2	1.755	3.230	60°	2 - 11 1/2 NPSM	2 - 11 1/2 NPT
STTB 7 STTB A 7	2 1/2	2.500	3.747	45°	2 1/2 - 8 NPSM	2 1/2 - 8 NPT
STTB 8 STTB A 8	3	2.500	4.392	45°	3 - 8 NPSM	3 - 8 NPT
STTB 9	3 1/2	2.290	4.975	45°	3 1/2 - 8 NPSM	3 1/2 - 8 NPT
STTB 10	4	2.439	5.516	45°	4 - 8 NPSM	4 - 8 NPT



Spacing Chart: Conduit or Pipe Size

Cond. Size	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6
3/8	1 5/32	1 1/4												
1/2	1 5/16	1 13/32	1 9/16											
3/4	1 7/16	1 17/32	1 11/16	1 13/16										
1	1 9/32	1 11/16	1 27/32	1 31/32	2 1/8									
1 1/4	1 25/32	1 7/8	2 1/32	2 5/32	2 5/16	2 1/2								
1 1/2	1 31/32	2 1/16	2 7/32	2 11/32	2 1/2	2 11/16	2 7/8							
2	2 7/32	2 5/16	2 15/32	2 19/32	2 3/4	2 15/16	3 1/8	3 3/8						
2 1/2	2 15/32	2 9/16	2 23/32	2 27/32	3	3 3/16	3 3/8	3 5/8	3 7/8					
3	2 25/32	2 7/8	3 1/32	3 5/32	3 5/16	3 1/2	3 11/16	3 15/16	4 3/16	4 1/2				
3 1/2	3 3/32	3 3/16	3 11/32	3 15/32	3 5/8	3 13/16	4	4 1/4	4 1/2	4 13/16	5 1/8			
4	3 11/32	3 7/16	3 19/32	3 23/32	3 7/8	4 1/16	4 1/4	4 1/2	4 3/4	5 1/16	5 3/8	5 3/4		
5	4 1/32	4 1/8	4 3/32	4 13/32	4 9/16	4 3/4	4 15/16	5 3/16	5 7/16	5 1/4	6 1/16	6 3/16	7 1/8	
6	4 13/32	4 1/2	4 21/32	4 25/32	4 15/16	5 1/8	5 9/16	5 13/16	5 15/16	6 1/8	6 7/16	6 11/16	7 3/8	7 9/4

Minimum space from center of pipe or conduit to nearest obstruction.

1. Dimensions in top row (boxed squares) are centers for conduits of same size.

Example: How close may 3" conduits be spaced? Answer 4 1/2".

2. Dimensions in gray shaded squares are for centers of conduits

NOT of the same size. Example: What is the minimum spacing for 2" and 3/4" conduit? Read down column marked 3/4" to figure opposite 2" and find dimension is 2 19/32".

Note: Minimum spacing dimensions as shown will give approximately 1/8" clearance between locking nuts.

Minimum space from center of pipe or conduit to nearest obstruction

	19/32	11/16	27/32	31/32	1 1/8	1 5/16	1 1/2	1 3/4	2	2 5/16	2 5/8	2 7/8	3 9/16	3 15/16
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Commercial Hubs

Features:

- Commercial Hubs are dependable low profile hubs that meet the requirements of UL standards
- Neoprene grade chloroprene gasket firms into an elastic compound (similar to rubber) and provides environmental protection for industrial applications
- Medium viscosity flame retardant insuliner provides a smooth pulling surface
- Cast threads to meet UL standards and allow quick and easy installation
- Hex surfaces on the body make tightening with a wrench easy
- Thinner, lighter weight construction
- Available in standard and grounded version to meet customer preferences

Certifications and Compliances:

NEC/CEC:

- Class I, Division 2
- Class II, Divisions 1 & 2
- Class III, Divisions 1 & 2
- UL and cUL Listed
- UL File No. E-19189
- Suitable for wet locations



Conduit Hubs

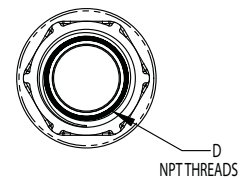
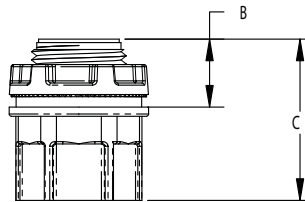
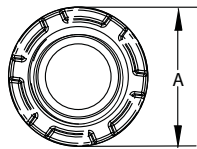
The use of rigid/IMC conduit remains the preferred choice in many applications because of the physical protection of conductors and long service life of the installation. Consequently, the need to terminate conduit into a box or enclosure creates the need for a hub.

The Commercial Hub has been developed to provide a lightweight hub that installs quickly and easily, providing a secure termination.

Standard Materials and Finishes:

- Body and nut – corrosion-resistant Zamek-2 and Zamek-3 type zinc
- Gasket – neoprene grade chloroprene
- Insuliner – Lexan 920A, medium viscosity flame retardant grade
- Finish – natural

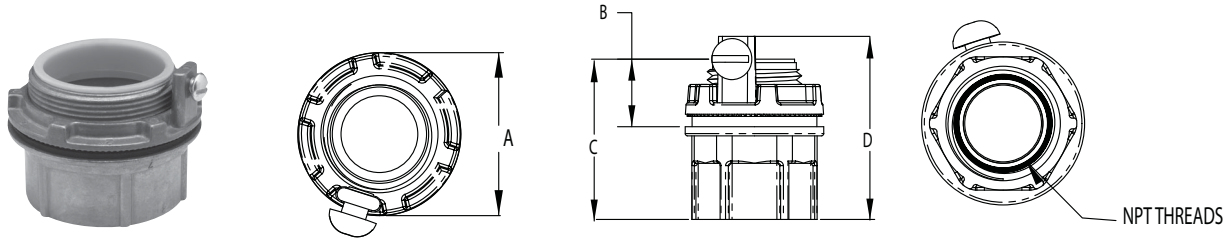
CHB Hubs:



Cat. #	Size	A	B	C	Unit Qty.	Wt. Lbs. Per 100
CHB1	1/2"	1 1/32"	39/64"	1 7/16"	25	14
CHB2	3/4"	1 1/2"	2 1/32"	1 39/64"	25	20
CHB3	1"	1 57/64"	1 13/16"	1 55/64"	25	33
CHB4	1 1/4"	2 1/4"	53/64"	2"	10	43
CHB5	1 1/2"	2 35/64"	55/64"	2 1/64"	10	56
CHB6	2"	3 3/64"	3 1/32"	2 1/32"	10	71
CHB7	2 1/2"	3 9/16"	1 1/64"	2 5/8"	2	135
CHB8	3"	4 3/16"	1 1/64"	2 11/64"	2	156
CHB9	3 1/2"	4 25/32"	3 1/32"	2 11/64"	2	193
CHB10	4"	5 23/64"	1 1/64"	2 11/64"	1	229

Commercial Hubs

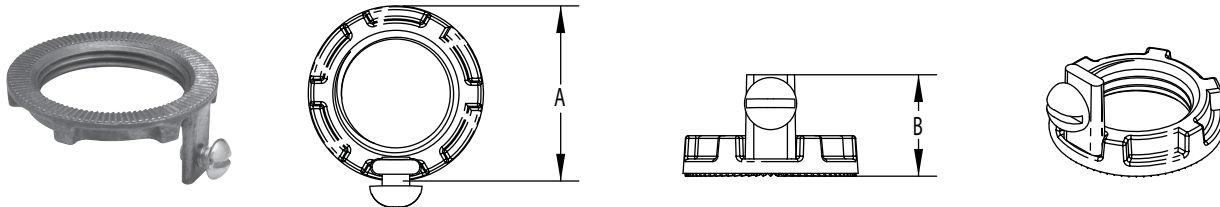
CHG Grounded Hubs:



Conduit Hubs

Cat. #	Size	A	B	C	D	Unit Qty.	Wt. Lbs. Per 100
CHG1	1/2"	1 1/32"	39/64"	1 1/16"	1 34/64"	25	14
CHG2	3/4"	1 1/2"	21/32"	1 99/64"	1 55/64"	25	21
CHG3	1"	1 57/64"	13/16"	1 55/64"	2 2/64"	25	34
CHG4	1 1/4"	2 1/4"	53/64"	2"	2 9/32"	10	45
CHG5	1 1/2"	2 35/64"	55/64"	2 7/64"	2 23/64"	10	59
CHG6	2"	3 3/64"	31/32"	2 7/32"	2 25/64"	10	75
CHG7	2 1/2"	3 9/16"	1 1/64"	2 5/8"	2 49/64"	2	145
CHG8	3"	4 3/16"	1 1/64"	2 31/64"	2 53/64"	2	161
CHG9	3 1/2"	4 25/32"	31/32"	2 41/64"	2 15/16"	2	196
CHG10	4"	5 23/64"	1 1/64"	2 31/64"	2 31/32"	1	234

CHGN Ground Nuts:



Cat. #	Size	A	B	Ground Screw Size	Unit Qty.	Wt. Lbs. Per 100
CHGN1	1/2"	1 1/32"	2 1/32"	10 - 32	25	4
CHGN2	3/4"	1 1/2"	53/64"	10 - 32	25	5
CHGN3	1"	1 57/64"	59/64"	10 - 32	25	10
CHGN4	1 1/4"	2 1/4"	31/32"	1 1/4 - 20	10	11
CHGN5	1 1/2"	2 35/64"	63/64"	1 1/4 - 20	10	14
CHGN6	2"	3 3/64"	63/64"	1 1/4 - 20	10	16
CHGN7	2 1/2"	3 9/16"	1"	1 1/4 - 20	2	22
CHGN8	3"	4 3/16"	1 5/64"	1 1/4 - 20	2	29
CHGN9	3 1/2"	4 25/32"	1 1/64"	1 1/4 - 20	2	31
CHGN10	4"	5 23/64"	1 5/32"	1 1/4 - 20	1	40

Conduit Hubs

CONDUIT HUBS – MALLEABLE IRON

Applications:

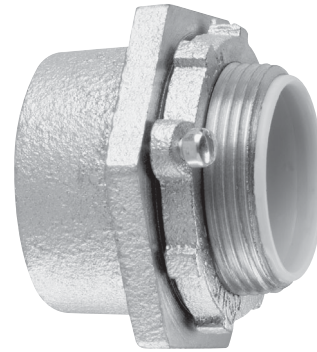
- Ideal for terminating electrical conduit through the walls of enclosures
- Designed for use indoors or outdoors with rigid conduit and IMC; specific applications include: food processing plants, distilleries, breweries, sewage disposal plants, chemical plants, paper processing mills and refineries

Features:

- Male thread type
- Tapered female thread for rigid conduit and IMC
- Recessed o-ring gasket assures raintight and secure environmental connections
- Insulated throat provides smooth pulling surface
- Locking screw on the nut doubles as a grounding screw for added safety
- Complete size range from 1/2" to 6"
- Hubs fit standard knockouts; no special tools required

Certifications and Compliances:

- Class I, Division 2
- Class II, Divisions 1 & 2
- Class III, Divisions 1 & 2
- UL Standard 514B
- cUL Listed – Certified by UL to CSA Standard C22.2 No. 18
- NEMA: FB-1
- Suitable for wet locations
- RoHS compliant



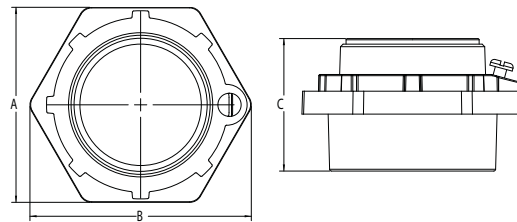
Standard Material and Finish:

- Material – malleable iron
- Finish – zinc electroplate

Options:

- | | |
|---------------------------------|---------------|
| Description | Suffix |
| • Mechanically galvanized | HDG |

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100	A	B	C
MHUB1	1/2"	25	18	1.35	1.53	1.45
MHUB2	3/4"	25	25	1.62	1.84	1.51
MHUB3	1"	5	50	1.81	2.06	1.79
MHUB4	1 1/4"	5	25	2.32	2.62	2.02
MHUB5	1 1/2"	2	20	2.76	3.13	2.05
MHUB6	2"	1	10	3.15	3.58	2.14
MHUB7	2 1/2"	1	10	3.69	4.18	2.91
MHUB8	3"	1	5	4.44	5.05	3.15
MHUB9	3 1/2"	1	5	5.11	5.82	3.21
MHUB10	4"	1	2	5.47	6.24	3.40
MHUB11	5"	1	1	6.85	7.79	3.60
MHUB12	6"	1	1	7.83	8.92	3.78



Conduit Hubs

CONDUIT HUBS – IRON SPACE-SAVER

Applications:

- Ideal for terminating rigid/IMC conduit through the walls of enclosures
- Designed for use indoors or outdoors with rigid and IMC conduit; specific applications include: food processing plants, distilleries, breweries, sewage disposal plants, chemical plants, paper processing mills and refineries



Features:

- Male thread is on the nut for a low profile, space saving fit
- Quick and easy when installing rigid conduit nipple between two existing enclosures
- Insulated throat provides smooth pulling surface
- Furnished with SG sealing gasket
- Hub fits standard knockouts; no special tools required

Standard Materials:

- Body and nut – malleable iron
- Sealing ring – steel and rubber

Standard Finishes:

- Body and nut – zinc electroplate
- Sealing ring – natural

Options:

Description

- Mechanically galvanized **HDG**

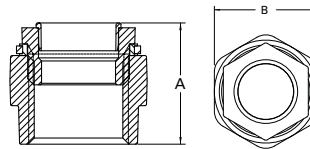
Suffix

Certifications and Compliances:

- Class I, Division 2
- Class II, Divisions 1 & 2
- Class III, Division 1 & 2
- UL and cUL Listed, File No. E-19189
- UL Standard 514B
- Certified by UL to CSA Standard C22.2 No. 18
- Suitable for wet locations



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100	A	B
HUB1	1/2"	25	18	1.49	1.30
HUB2	3/8"	10	25	1.44	1.54
HUB3	1"	5	50	1.57	1.78
HUB4	1 1/4"	5	25	1.98	2.16
HUB5	1 1/2"	2	20	2.00	2.37
HUB6	2"	1	10	2.19	2.93
HUB7	2 1/2"	1	10	2.61	3.56
HUB8	3"	1	5	2.81	4.18
HUB9	3 1/2"	1	5	3.02	4.64
HUB10	4"	1	2	3.65	5.21



XD Deflection Couplings

Applications:

XD Couplings can be installed indoors, outdoors, buried underground or embedded in concrete in non-hazardous areas. XDs are used with standard rigid conduit or PVC rigid conduit. (PVC requires rigid metal conduit nipples and rigid metal-to-PVC conduit adapters). XDs provide a flexible and watertight connection for protection of conduit wiring systems from damage due to movement.

Typical applications include:

- Underground conduit feeder runs
- Runs between sections of concrete subject to relative movement
- Runs between fixed structures
- Conduit entrances in high rise buildings
- Bridges
- Marinas, docks, piers

Features:

- XD Couplings accommodate the following movements without collapsing or fracturing the conduit, and damaging the wires it contains:
 1. Axial expansion or contraction up to $\frac{3}{4}$ "
 2. Angular misalignment of the axes of the coupled conduit runs in any direction to 30°
 3. Parallel misalignment of the axes of coupled conduit runs in any direction to $\frac{3}{4}$ "
- Inner sleeve maintains constant I.D. in any position and provides a smooth insulated wireway for protection of wire insulation
- Watertight flexible neoprene outer jacket is corrosion-resistant and protects the grounding strap and the attachment points of the hubs
- Tinned copper flexible braid grounding straps assure grounding continuity
- Stainless steel jacket clamps for strength and corrosion resistance
- Standard tapered electrical threads fit standard rigid conduit
- Integral hub bushing protects insulation of conductors

Certifications and Compliances:

- UL Standard 514B
- CSA 22.2 No. 18 3-12
- Wet locations

Options:

- Description** **Suffix**
- Hot dip galvanized **HGD**

Size Ranges:

- 1" to 6" (smaller sizes can be obtained by using reducing bushings)

Standard Materials and Finishes:

Hubs:

- *Feraloy*® iron alloy – electrogalvanized

Outer Jacket:

- Molded neoprene – natural (black)

Jacket Clamps:

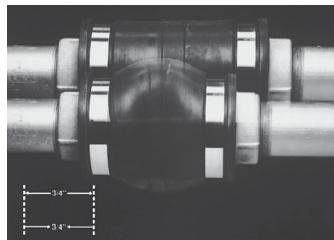
- Stainless steel – natural

Inner Sleeve:

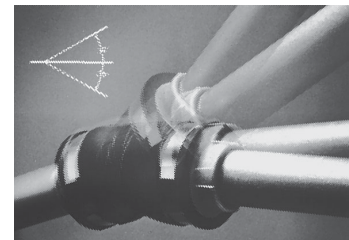
- Molded plastic – natural (brown)

Bonding Strap:

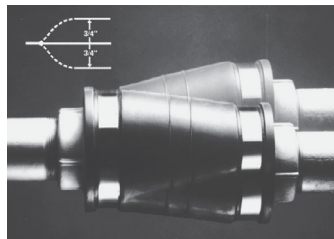
- Braided tinned copper



1. Axial expansion/contraction

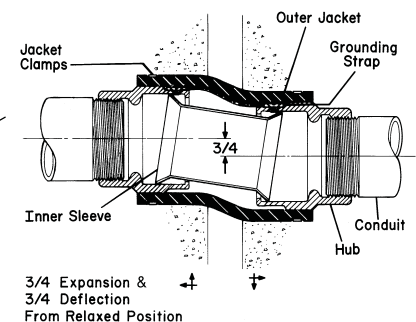
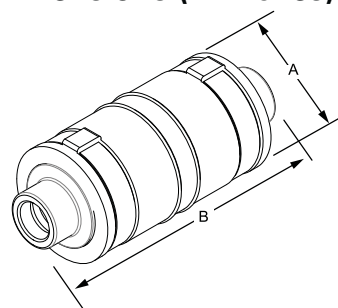


2. Angular misalignment



3. Parallel misalignment

Dimensions (in Inches):



Conduit Size	Cat. #	A Dia.	B Length
1"	XD3*	7	$3^{15}/16$
1 $\frac{1}{4}$ "	XD4	$7^{3}/8$	$4^{1}/4$
1 $\frac{1}{2}$ "	XD5	$7^{1}/4$	$4^{1}/2$
2"	XD6	$7^{1}/4$	$4^{15}/16$
2 $\frac{1}{2}$ "	XD7	$7^{1}/2$	$5^{5}/16$
3"	XD8	$7^{5}/8$	$5^{15}/16$
3 $\frac{1}{2}$ "	XD9	$7^{3}/4$	$6^{1}/2$
4"	XD010	$7^{7}/8$	$6^{15}/16$
5"	XD012	$7^{3}/4$	8
6"	XD014	$8^{3}/8$	9

* $\frac{3}{4}$ " trade size can be created using third party certified 1" - $\frac{3}{4}$ " reducing bushings.

XJG Rigid/IMC Expansion Couplings

Applications:

XJG Expansion Couplings are used with rigid metal conduit and IMC:

- To couple together two sections of conduit subject to longitudinal movement
- In conduit runs to prevent damage to conduit supports such as in a building or on a bridge
- Indoors or outdoors in long conduit runs to permit linear movement caused by thermal expansion and contraction
- In conduit runs that cross structural joints
- On long conduit runs to prevent conduit from buckling and ensuing circuit failures

Features:

- Weatherproof and approved for use indoors or outdoors without an external bonding jumper
- Available in 1/2" through 6" trade sizes
- For use with rigid metal and IMC conduit
- Available in 4" and 8" maximum conduit movement
- Internal bonding springs and metallic bushings create high integrity internal ground connection and eliminate need for external bonding jumpers and clamps (up to 4" trade size)
- Optional redundant tinned copper bonding jumpers (BJ Series – ordered separately)
- UL Listed for use in wet locations
- Patented design

Certifications and Compliances:

- UL Standard 514B
- CSA 22.2 No. 18 3-12
- NEMA FB1
- Wet locations
- Third party certified as an effective grounding means (i.e. the path to ground is permanent and continuous), for two sections of conduit subject to expansion or contraction

Options:

- | Description | Suffix |
|--|---------------------------|
| • Available in copper-free aluminum (not available on 5" and 6" sizes)..... | SA |
| • Hot dip galvanized | HDG |
| • Available with redundant bonding jumper for visible indication of bonding (BJ Series)† | (Order Separately) |



Standard Materials and Finishes:

Body

- Steel – electrogalvanized
- Copper-free aluminum – natural
- *Feraloy*® iron alloy – electrogalvanized (5" and 6" only)

Reducer & Gland Nut

- 1/2" through 1": steel – electrogalvanized
- 1 1/4" through 6": *Feraloy* iron alloy – electrogalvanized and aluminum paint
- Copper-free aluminum – natural

Packing

- PTFE composite

Washer & Bushing

- Steel – electrogalvanized

Gasket

- Vellum

Ground Springs

- Phosphor bronze – electrogalvanized

Ground Strap

- Braided tinned copper

U-bolts

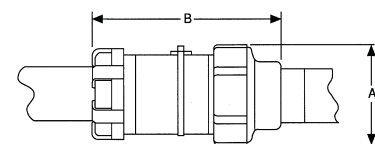
- Malleable iron – electrogalvanized



XJG Shown with Optional Bonding Jumper

Bonding jumper width: 0.188";
height: 0.875"

Dimensions (in Inches):



Conduit Size	Max. Conduit Movement	Cat. #	Cat. # Aluminum	Optional Bonding Jumper†	A Dia.	B Length	Bonding Jumper Length
1/2"	4	XJG14	XJG14 SA	BJ14	1.75	6.75	20"
	8	XJG18	XJG18 SA	BJ18	1.75	10.75	30"
3/4"	4	XJG24	XJG24 SA	BJ24	2.12	6.75	20"
	8	XJG28	XJG28 SA	BJ28	2.12	10.75	30"
1"	4	XJG34	XJG34 SA	BJ34	2.43	7.25	20"
	8	XJG38	XJG38 SA	BJ38	2.43	11.25	30"
1 1/4"	4	XJG44		BJ44	3.19	7.56	24"
	8	XJG48		BJ48	3.19	11.56	30"
1 1/2"	4	XJG54	XJG54 SA	BJ54	3.68	7.87	24"
	8	XJG58	XJG58 SA	BJ58	3.68	11.87	30"
2"	4	XJG64	XJG64 SA	BJ64	4.75	8.25	24"
	8	XJG68	XJG68 SA	BJ68	4.75	12.25	30"
2 1/2"	4	XJG74		BJ74	4.87	9.31	24"
	8	XJG78		BJ78	4.87	13.31	36"
3"	4	XJG84	XJG84 SA	BJ84	5.37	10.00	30"
	8	XJG88	XJG88 SA	BJ88	5.37	14.00	36"
3 1/2"	4	XJG94		BJ94	6.62	9.81	30"
	8	XJG98		BJ98	6.62	13.81	36"
4"	4	XJG104	XJG104 SA	BJ104	6.62	9.81	30"
	8	XJG108	XJG108 SA	BJ108	6.62	13.81	36"
5"	8	XJ128‡		-	7.64	15.50	-
6"	8	XJ148‡		-	9.56	16.00	-

†XJG Expansion Couplings use a metallic bushing and ground springs to create a high integrity internal ground connection. External ground straps offer a redundant ground path and easy visible indication of ground.

‡XJ128 and XJ148 are not internally grounded. A pair of 36" bonding jumpers are provided with fitting.

XJG EMT Expansion Couplings

Applications:

XJG EMT Expansion Couplings are used with EMT conduit:

- To couple together two sections of conduit subject to longitudinal movement
- In conduit runs to prevent damage to conduit supports such as in a building or on a bridge
- Indoors or outdoors in long conduit runs to permit linear movement caused by thermal expansion and contraction
- In conduit runs that cross structural joints
- On long conduit runs to prevent conduit from buckling and ensuing circuit failures

Features:

- Weatherproof and approved for use indoors or outdoors without an external bonding jumper
- Available in 1/2" through 4" trade sizes
- For use with EMT conduit
- Available in 4" maximum conduit movement
- Internal bonding springs and metallic bushings create high integrity internal ground connection and eliminate need for external bonding jumpers and clamps (up to 4" trade size)
- Optional redundant tinned copper bonding jumpers (BJ Series – ordered separately)
- UL Listed for use in wet locations
- Flat surface on gland nut provides smooth, flat surface for easy wrenching
- Distinct black gland nut provides quick identification as a wet location fitting
- Patented design

Certifications and Compliances:

- UL Standard 514B
- CSA 22.2 No. 18 3-12
- NEMA FB1
- Wet locations

Options:

Description	Suffix
• Available with redundant bonding jumper for visible indication of bonding (BJ Series)† (Order Separately)	



Standard Materials and Finishes:

Body

- Steel – electrogalvanized

Reducer & Bushing

- 1/2" through 1": steel – electrogalvanized
- 1 1/4" through 4": *Feraloy*® iron alloy – electrogalvanized and aluminum paint

Gland Nut

- Steel – black painted finish

Packing

- PTFE composite

Washer

- Steel – electrogalvanized

Gasket

- Vellum

Ground Springs

- Phosphor bronze – electrogalvanized

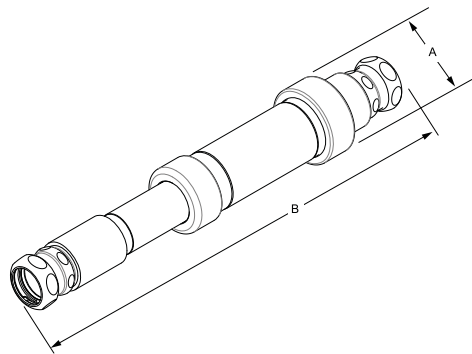
Ground Strap

- Braided tinned copper

U-bolts

- Malleable iron – electrogalvanized

Dimensions (in Inches):



Conduit Size	Max. Conduit Movement	Cat. #	Optional Bonding Jumper†	A Dia.	B Length
1/2"	4"	XJG14 EMT	BJ14	1 3/4"	10 3/4"
3/4"	4"	XJG24 EMT	BJ24	2 1/8"	11"
1"	4"	XJG34 EMT	BJ34	2 7/16"	11 1/2"
1 1/4"	4"	XJG44 EMT	BJ44	3 1/8"	15 1/4"
1 1/2"	4"	XJG54 EMT	BJ54	3 5/8"	15 1/2"
2"	4"	XJG64 EMT	BJ64	4 3/4"	15 1/2"
2 1/2"	4"	XJG74 EMT	BJ74	4 7/8"	18 3/4"
3"	4"	XJG84 EMT	BJ84	5 3/8"	19 7/8"
3 1/2"	4"	XJG94 EMT	BJ94	6 3/8"	21 1/4"
4"	4"	XJG104 EMT	BJ104	6 5/8"	21 1/4"

†XJG Expansion Couplings use a metallic bushing and ground springs to create a high integrity internal ground connection. External ground straps offer a redundant ground path and easy visible indication of ground.

XJGD Rigid/IMC Expansion/Deflection Couplings

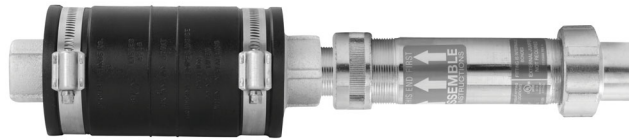
Applications:

XJGD Combination Expansion/Deflection Couplings are used with rigid metal conduit and IMC:

- To couple together two sections of conduit subject to longitudinal movement
- To accommodate axial expansion, angular misalignment and parallel misalignment
- Indoors or outdoors in long conduit runs to permit linear and axial movement caused by thermal expansion and contraction
- To maintain electrical continuity without the need for an external bonding jumper and clamps
- In conduit runs that cross structural joints
- In conduit runs to prevent damage to conduit supports such as in a building or on a bridge
- On long conduit runs to prevent conduit from buckling and ensuing conduit failures

Features:

- XJGD fittings are weatherproof and approved for use indoors or outdoors without an external bonding jumper
- Available in 1/2" through 4" trade sizes
- For use with rigid metal and IMC conduit
- Available in 4" maximum conduit movement
- XJGD Couplings include XD Couplings, which accommodate the following movements without collapsing or fracturing the conduit, and damaging the wires it contains:
 1. Axial expansion or contraction up to 3/4"
 2. Angular misalignment of the axes of the coupled conduit runs in any direction to 30°
 3. Parallel misalignment of the axes of coupled conduit runs in any direction to 3/4"
- XD component includes inner sleeve which maintains constant I.D. in any position and provides a smooth insulated wireway for protection of wire insulation
- XD component contains a watertight flexible neoprene outer jacket which is corrosion-resistant and protects the grounding strap and the attachment points of the hubs
- XD component includes stainless steel jacket clamps for strength and corrosion resistance
- XJG component includes internal bonding springs and metallic bushings to create high integrity internal ground connection and eliminate need for external bonding jumpers and clamps (up to 4" trade size)



Features (continued):

- Optional redundant tinned copper flexible braid bonding jumpers assure continuity (BJ Series – ordered separately)
- UL Listed for use in wet locations
- NPT threads fit standard rigid conduit
- Patented design

Certifications and Compliances:

- UL Standard 514B
- CSA 22.2 No. 18 3-12
- Wet locations

Standard Materials and Finishes:

Body, Hubs, Gland Nut, Washer & Bushing:

- Feraloy® iron alloy – electrogalvanized

Packing:

- PTFE composite

Gasket:

- Vellum

Ground Springs:

- Phosphor bronze – electrogalvanized

XD Component Outer Jacket:

- Molded neoprene – natural (black)

XD Jacket Clamps:

- Stainless steel – natural

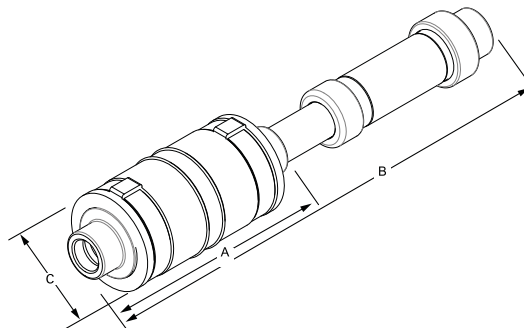
XD Inner Sleeve:

- Molded plastic – natural (brown)

Bonding Strap:

- Braided tinned copper

Dimensions (in Inches):













Conduit Size	Cat. #	A Dia.	B Length	C Dia.
1"	XJGD34	3 ¹⁵ / ₁₆ "	17 ³ / ₄ "	7"
1 ¹ / ₄ "	XJGD44	4 ¹ / ₂ "	18 ⁵ / ₈ "	7 ³ / ₈ "
1 ¹ / ₂ "	XJGD54	4 ¹ / ₂ "	18 ⁵ / ₈ "	7 ¹ / ₄ "
2"	XJGD64	4 ¹⁵ / ₁₆ "	19 ¹ / ₄ "	7 ¹ / ₄ "
2 ¹ / ₂ "	XJGD74	5 ³ / ₁₆ "	20 ³ / ₄ "	7 ¹ / ₂ "
3"	XJGD84	5 ¹⁵ / ₁₆ "	21 ⁵ / ₈ "	7 ⁵ / ₈ "
3 ¹ / ₂ "	XJGD94	6 ¹ / ₂ "	21 ⁵ / ₈ "	7 ³ / ₄ "
4"	XJGD104	8"	27 ³ / ₄ "	7 ¹ / ₈ "

Liquidtight Fittings

Overview

Our liquidtight product line offers high quality, high performance fittings. Designed to the toughest standards and integrating the latest technology, not only do you get a reliable and durable product, you also get one that reduces installation time and cost. Our versatile lines of liquidtight fittings are designed for a wide range of industrial, commercial and residential applications. Choose from our Liquidator™, LiQuik™, zinc die cast, non-metallic or low profile liquidtight fittings.

Liquidtight Fittings Selection Chart:

	Family	Material	Size/Range	Configurations	Typical Applications
	Liquidator™	Malleable Iron	3/8" - 6"	Straight, 45°, 90°	For use with LFMC in tough, industrial, corrosive applications
	Liquidator LT SA Aluminum	Copper-free Aluminum	3/8" - 4"	Straight (3/8" through 4"), 90° (3/8" through 2")	Used where aluminum material is preferred in tough, industrial, corrosive applications
	LTK Low Profile	Steel/Malleable Iron	3/8" - 2"	Straight, 45°, 90°	Used where there are space restrictions in tough, industrial, corrosive applications
	LTQ LiQuik™	Malleable Iron	3/8" - 2"	Straight (3/8" through 2"), 45° & 90° (1/2" through 1")	Labor saving, no disassembly, in tough, industrial, corrosive applications
	LTDC Zinc Die Cast	Zinc Die Cast	3/8" - 4"	Straight, 90°	Used where zinc die cast material is preferred in tough, industrial, corrosive applications
	LTNM Non-metallic	Nylon	3/8" - 2"	Straight, 90°	Use with non-metallic Type B LT conduit in corrosive, commercial and residential applications
	LT US Product of the USA	Steel/Malleable Iron	3/8" - 4"	Straight, 45°, 90°	When Product of the USA material is specified in tough, industrial, corrosive applications
	LTS Steel	Tubular Steel	1/2" - 2"	Straight Only	For use in cost-competitive applications in light industrial and commercial applications
	LT SS Stainless Steel	304 Stainless Steel	1/2" - 2"	Straight, 90°	Used where corrosion resistance is required in tough, industrial, corrosive applications
	Space-Saver	Malleable Iron	3/8" - 1"	Straight Only	Used where space restrictions occur in tough, industrial, corrosive applications

Liquidtight

Product Features	User Benefits
UL Listed; cUL certified	Assurance of safe and reliable performance; end-user peace of mind
Provides protection in wet locations	Meets NEC and UL requirements for use in wet locations; reduces downtime and replacement costs
Available in various configurations in various trade sizes and materials	Complete selection of styles and sizes; easy selection from one source, saves time and money
Hex surfaces on gland nut and body	Easy wrenching; fast, easy installation results in labor savings
Sealing gasket effectively seals out water, oil, dust and dirt	Eliminates leakage, potential downtime and replacement costs
Locknut bites into box; won't vibrate loose	Provides a reliable ground and safety of personnel and equipment
Cupped long grounding ferrule is distortion-free	Provides excellent pull-out strength, prevents conduit pop-out and provides grounding for safety of personnel and equipment
Concrete tight	Provides rugged durability in concrete applications

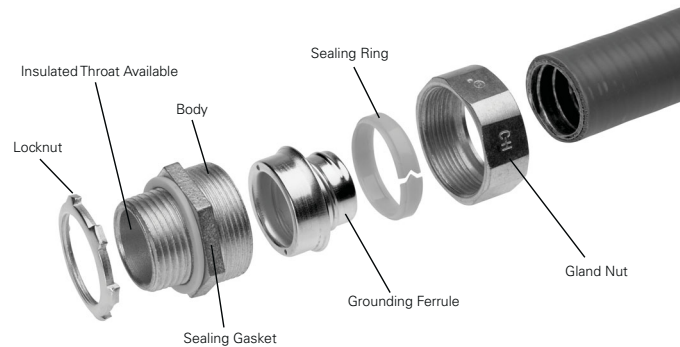
Liquidtight Fittings

Overview

Applications:

Typical applications for liquidtight conduit and liquidtight fittings include the wiring of machine tools, motors, transformers, food processing equipment, robotics, air conditioning units, illuminated storefront signs and billboards, etc. The flexible metallic conduit and fittings protect conductors from mechanical damage due to vibration and movement, and seal out cutting oils, coolants, water, dust, etc. Applications such as these can be found in, but are not limited to, industries such as:

- Machine tool manufacturers
- Electric power generating plants
- Waste treatment facilities
- Paint manufacturing facilities
- Automobile manufacturing facilities
- Aerospace industries
- Breweries
- Food processing plants
- Dairies
- Pulp and paper mills
- Petroleum refineries
- Chemical and petrochemical plants



Features:

- Liquidtight, raintight, oiltight for protection and long life in wet, dusty and corrosive environments
- Hex shaped gland nut allows for easy wrenching, providing a fast, tight installation
- Suitable for wet locations
- Reusable, long ferrule prevents pull-out and tight bend conduit pop-out
- Furnished with locknut and sealing ring
- Third party certified
- Available in insulated and non-insulated versions to meet any customer preference

Certifications and Compliances:

- UL Listed liquidtight flexible metal conduit fittings are suitable for use in the following hazardous locations under NEC:
 - Class I, Division 2;
 - Class II, Divisions 1 & 2; and
 - Class III, Divisions 1 & 2;
 - Suitable for grounding in sizes 3/8" through 1 1/4" under NEC
- UL Standards 514B, 467
- cUL Standard C22.2 No. 18F
- UL File No. E-19189



Liquidtight Fittings

Liquidator™ Flexible Metallic Conduit Fittings

Applications:

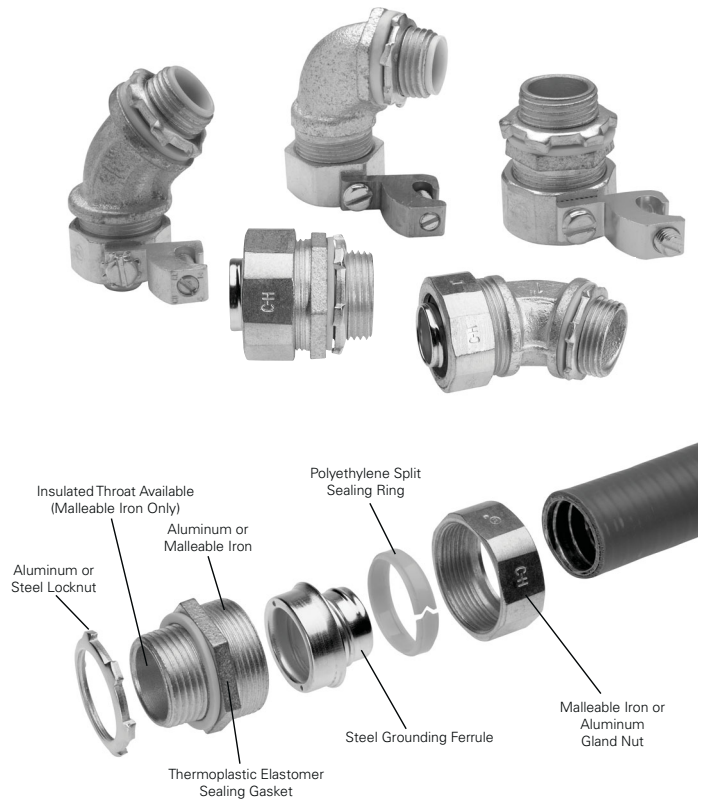
- Liquidator™ Fittings are used when liquidtight conduit is in tough, industrial and corrosive applications
- Available in both malleable iron and aluminum construction with the option of a ground lug pre-attached

Features:

- Liquidtight, raintight, oiltight for protection and long life in wet, dusty and corrosive environments
- Hex shaped gland nut allows for easy wrenching, providing a fast, tight installation
- Suitable for wet locations
- Reusable, long ferrule prevents pull-out and tight bend conduit pop-out
- Furnished with locknut and sealing ring
- Third party certified
- Available in malleable iron and aluminum construction
- Available in straight, 90 and 45 degree configurations
- Available in sizes $\frac{3}{8}$ " to 6" (select sizes)
- Available in insulated and non-insulated versions to meet any customer preference

Certifications and Compliances:

- UL Listed liquidtight flexible metal conduit fittings are suitable for use in the following hazardous locations under NEC:
 - Class I, Division 2;
 - Class II, Divisions 1 & 2; and
 - Class III, Divisions 1 & 2;
- Suitable for grounding in sizes $\frac{3}{8}$ " through $1\frac{1}{4}$ " under NEC
- UL Standards 514B, 467
- cUL Standard C22.2 No. 18F
- UL File No. E-19189



Standard Materials:

- Body – straight – $\frac{3}{8}$ " through 6": malleable iron; $\frac{3}{8}$ " through 4": aluminum
- 45° – $\frac{3}{8}$ " through 4": malleable iron
- 90° – $\frac{3}{8}$ " through 4": malleable iron or aluminum
- Gland nut – malleable iron or aluminum
- Ferrule – steel
- Gland nut sealing ring – polyethylene
- Sealing gasket – thermoplastic elastomer
- Locknut – steel or aluminum

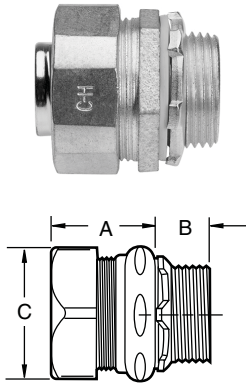
Standard Finishes:

- Malleable iron – zinc electroplate
- Aluminum – natural

Liquidtight Fittings

Liquidator™ Flexible Metallic Conduit Fittings

Straight Connectors – Malleable Iron

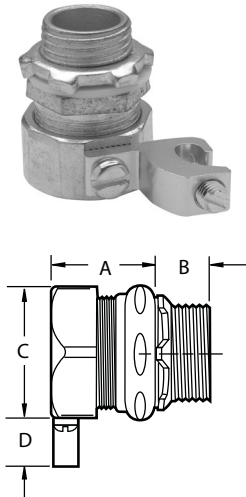


Trade Size	Cat. # Non-insulated	Cat. # Insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C
3/8"	LT38	LTB38	25	15.4	1.125	0.500	1.125
1/2"	LT50	LTB50	25	17.6	1.250	0.500	1.250
3/4"	LT75	LTB75	25	28.7	1.250	0.500	1.563
1"	LT100	LTB100	5	39.7	1.438	0.625	0.813
1 1/4"	LT125	LTB125	5	55.1	1.500	0.688	2.250
1 1/2"	LT150	LTB150	2	70.5	1.625	0.750	2.438
2"	LT200	LTB200	1	99.2	1.750	0.750	3.000
2 1/2"	LT250	LTB250	1	363.8	2.188	1.000	4.000
3"	LT300	LTB300	1	456.4	2.500	1.125	4.188
3 1/2"	LT350	LTB350	1	668.0	2.625	1.188	5.250
4"	LT400	LTB400	1	789.2	2.750	1.250	5.750
5"	LT500†	LTB500†	1	1036.2	3.125	1.438	6.063
6"	LT600†	LTB600†	1	1366.9	3.375	1.500	7.750

†Not UL Listed or CSA certified.

Liquidtight

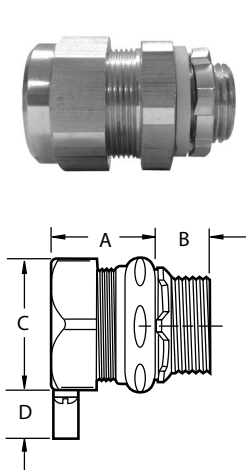
Straight Connectors with Grounding Lug – Malleable Iron



Trade Size	Cat. # Non-insulated with Aluminum Grounding Lug	Cat. # Insulated with Aluminum Grounding Lug	Cat. # Insulated with Copper Grounding Lug	Lug Size	Unit Qty.	Wt. Lbs. Per 100	A	B	C	D
3/8"	LT38G	LTB38G	LTB38GC	#4 - #14	25	17.4	1.125	0.500	1.125	0.750
1/2"	LT50G	LTB50G	LTB50GC	#4 - #14	25	19.5	1.250	0.500	1.250	0.750
3/4"	LT75G	LTB75G	LTB75GC	#4 - #14	25	30.7	1.250	0.500	1.563	0.750
1"	LT100G	LTB100G	LTB100GC	#4 - #14	5	41.7	1.438	0.625	0.813	0.750
1 1/4"	LT125G	LTB125G	LTB125GC	#4 - #14	5	57.0	1.500	0.688	2.250	0.750
1 1/2"	LT150G	LTB150G	LTB150GC	#4 - #14	2	72.4	1.625	0.750	2.438	0.750
2"	LT200G	LTB200G	LTB200GC	#4 - #14	1	100.9	1.750	0.750	3.000	0.750
2 1/2"	LT250G	LTB250G	LTB250GC	#1/0 - #8	1	370.9	2.188	1.000	4.000	1.125
3"	LT300G	LTB300G	LTB300GC	#1/0 - #8	1	462.9	2.500	1.125	4.188	1.125
3 1/2"	LT350G	LTB350G	LTB350GC	#3/0 - #6	1	682.1	2.625	1.188	5.250	1.500
4"	LT400G	LTB400G	LTB400GC	#3/0 - #6	1	802.9	2.750	1.250	5.750	1.500
5"	LT500G†	LTB500G†	-	250MCM - #6	1	1052.7	3.125	1.438	6.063	1.688
6"	LT600G†	LTB600G†	-	250MCM - #6	1	1389.4	3.375	1.500	7.750	1.688

†Not UL Listed or CSA certified.

Straight Connectors with and without Grounding Lug – Aluminum

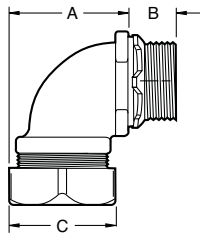


Trade Size	Cat. # Non-insulated	Cat. # Non-insulated with Aluminum Grounding Lug	Lug Size	Unit Qty.	Wt. Lbs. Per 100	A	B	C	D
3/8"	LT38 SA	LT38G SA	#4 - #14	25	13.4	1.188	0.594	1.250	0.750
1/2"	LT50 SA	LT50G SA	#4 - #14	25	15.6	1.313	0.594	1.250	0.750
3/4"	LT75 SA	LT75G SA	#4 - #14	25	26.7	1.313	0.594	1.500	0.750
1"	LT100 SA	LT100G SA	#4 - #14	5	37.7	1.438	0.813	1.750	0.750
1 1/4"	LT125 SA	LT125G SA	#4 - #14	5	53.1	1.563	0.813	2.250	0.750
1 1/2"	LT150 SA	LT150G SA	#4 - #14	2	68.5	1.813	0.813	2.500	0.750
2"	LT200 SA	LT200G SA	#4 - #14	1	97.2	1.750	0.875	3.000	0.750
2 1/2"	LT250 SA	LT250G SA	#1/0 - #8	1	361.8	2.250	1.063	3.750	1.125
3"	LT300 SA	LT300G SA	#1/0 - #8	1	454.4	2.438	1.125	4.500	1.125
3 1/2"	LT350 SA	LT350G SA	#3/0 - #6	1	666.0	2.875	1.188	5.125	1.500
4"	LT400 SA	LT400G SA	#3/0 - #6	1	787.2	2.938	1.250	5.625	1.500

Liquidtight Fittings

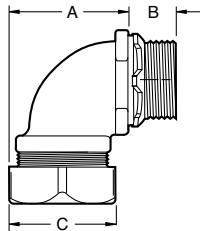
Liquidator™ Liquidtight Flexible Metallic Conduit Fittings

90° Angle Connectors – Malleable Iron



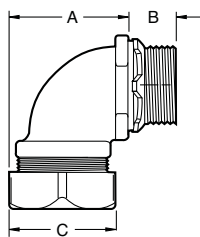
Trade Size	Cat. # Non-insulated	Cat. # Insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C
3/8"	LT3890	LTB3890	25	25.4	1.313	0.500	1.125
1/2"	LT5090	LTB5090	25	28.9	1.438	0.500	1.250
3/4"	LT7590	LTB7590	10	44.1	1.625	0.500	1.563
1"	LT10090	LTB10090	10	74.5	2.313	0.625	0.813
1 1/4"	LT12590	LTB12590	5	96.1	2.375	0.688	2.250
1 1/2"	LT15090	LTB15090	2	121.3	3.063	0.750	2.438
2"	LT20090	LTB20090	1	176.4	3.188	0.750	3.000
2 1/2"	LT25090	LTB25090	1	837.7	8.313	1.000	4.000
3"	LT30090	LTB30090	1	1234.6	9.813	1.125	4.188
3 1/2"	LT35090	LTB35090	1	1896.0	11.188	1.188	5.250
4"	LT40090	LTB40090	1	2381.0	12.563	1.250	5.750

90° Angle Connectors with Grounding Lug – Malleable Iron



Trade Size	Cat. # Non-insulated with Aluminum Grounding Lug	Cat. # Insulated with Aluminum Grounding Lug	Cat. # Insulated with Copper Grounding Lug	Lug Size	Unit Qty.	Wt. Lbs. Per 100	A	B	C
3/8"	LT3890G	LTB3890G	LTB3890GC	#4 - #14	25	27.6	1.313	0.500	1.125
1/2"	LT5090G	LTB5090G	LTB5090GC	#4 - #14	25	31.1	1.438	0.500	1.250
3/4"	LT7590G	LTB7590G	LTB7590GC	#4 - #14	10	46.3	1.625	0.500	1.563
1"	LT10090G	LTB10090G	LTB10090GC	#4 - #14	10	76.7	2.313	0.625	0.813
1 1/4"	LT12590G	LTB12590G	LTB12590GC	#4 - #14	5	98.3	2.375	0.688	2.250
1 1/2"	LT15090G	LTB15090G	LTB15090GC	#4 - #14	2	123.5	3.063	0.750	2.438
2"	LT20090G	LTB20090G	LTB20090GC	#4 - #14	1	178.6	3.188	0.750	3.000
2 1/2"	LT25090G	LTB25090G	LTB25090GC	#1/0 - #8	1	846.6	8.313	1.000	4.000
3"	LT30090G	LTB30090G	LTB30090GC	#1/0 - #8	1	1243.4	9.813	1.125	4.188
3 1/2"	LT35090G	LTB35090G	LTB35090GC	#3/0 - #6	1	1913.6	11.188	1.188	5.250
4"	LT40090G	LTB40090G	LTB40090GC	#3/0 - #6	1	2398.6	12.563	1.250	5.750

90° Angle Connectors with and without Grounding Lug – Aluminum



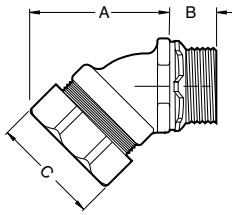
Trade Size	Cat. # Non-insulated	Cat. # Non-insulated with Aluminum Grounding Lug	Lug Size	Unit Qty.	Wt. Lbs. Per 100	A	B	C
3/8"	LT3890 SA	LT3890G SA	#4 - #14	25	16	1.313	0.500	1.125
1/2"	LT5090 SA	LT5090G SA	#4 - #14	25	20	1.438	0.500	1.250
3/4"	LT7590 SA	LT7590G SA	#4 - #14	10	25	1.625	0.500	1.563
1"	LT10090 SA	LT10090G SA	#4 - #14	10	31	2.313	0.625	0.813
1 1/4"	LT12590 SA	LT12590G SA	#4 - #14	5	48	2.375	0.688	2.250
1 1/2"	LT15090 SA	LT15090G SA	#4 - #14	2	150	3.063	0.750	2.438
2"	LT20090 SA	LT20090G SA	#4 - #14	1	200	3.188	0.750	3.000

Liquidtight

Liquidtight Fittings

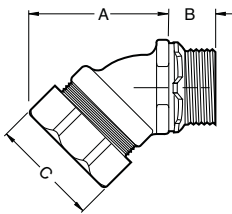
Liquidator™ Liquidtight Flexible Metallic Conduit Fittings

45° Angle Connectors – Malleable Iron



Trade Size	Cat. # Non-insulated	Cat. # Insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C
3/8"	LT3845	LTB3845	25	27.1	1.938	0.500	1.125
1/2"	LT5045	LTB5045	25	27.1	2.000	0.500	1.250
3/4"	LT7545	LTB7545	10	39.7	2.188	0.500	1.563
1"	LT10045	LTB10045	10	63.5	2.500	0.625	0.813
1 1/4"	LT12545	LTB12545	5	87.3	2.813	0.688	2.250
1 1/2"	LT15045	LTB15045	2	110.2	3.000	0.750	2.438
2"	LT20045	LTB20045	1	176.4	3.688	0.750	3.000
2 1/2"	LT25045	LTB25045	1	573.2	7.313	1.000	4.000
3"	LT30045	LTB30045	1	859.8	7.625	1.125	4.188
3 1/2"	LT35045	LTB35045	1	1278.7	9.625	1.188	5.250
4"	LT40045	LTB40045	1	1521.2	11.063	1.250	5.750

45° Angle Connectors with Grounding Lug – Malleable Iron



Trade Size	Cat. # Non-insulated with Aluminum Grounding Lug	Cat. # Insulated with Aluminum Grounding Lug	Cat. # Insulated with Copper Grounding Lug	Lug Size	Unit Qty.	Wt. Lbs. Per 100	A	B	C
3/8"	LT3845G	LTB3845G	LTB3845GC	#4 - #14	25	29.3	1.938	0.500	1.125
1/2"	LT5045G	LTB5045G	LTB5045GC	#4 - #14	25	29.3	2.000	0.500	1.250
3/4"	LT7545G	LTB7545G	LTB7545GC	#4 - #14	10	41.9	2.188	0.500	1.563
1"	LT10045G	LTB10045G	LTB10045GC	#4 - #14	10	65.7	2.500	0.625	0.813
1 1/4"	LT12545G	LTB12545G	LTB12545GC	#4 - #14	5	89.5	2.813	0.688	2.250
1 1/2"	LT15045G	LTB15045G	LTB15045GC	#4 - #14	2	112.4	3.000	0.750	2.438
2"	LT20045G	LTB20045G	LTB20045GC	#4 - #14	1	178.6	3.688	0.750	3.000
2 1/2"	LT25045G	LTB25045G	LTB25045GC	#1/0 - #8	1	582.0	7.313	1.000	4.000
3"	LT30045G	LTB30045G	LTB30045GC	#1/0 - #8	1	868.6	7.625	1.125	4.188
3 1/2"	LT35045G	LTB35045G	LTB35045GC	#3/0 - #6	1	1296.3	9.625	1.188	5.250
4"	LT40045G	LTB40045G	LTB40045GC	#3/0 - #6	1	1538.8	11.063	1.250	5.750

Replacement Liquidtight Ferrules



Trade Size	Cat. #	Unit Qty.	Wt. Lbs. Per 100
3/8"	FEA38	100	1.9
1/2"	FEA50	100	2.2
3/4"	FEA75	100	2.5
1"	FEA100	100	3.1
1 1/4"	FEA125	50	5.0
1 1/2"	FEA150	50	6.3
2"	FEA200	10	8.1
2 1/2"	FEA250	10	21.3
3"	FEA300	10	27.5
3 1/2"	FEA350	10	31.3
4"	FEA400	10	34.4

Liquidtight Fittings

Zinc Die Cast Conduit Fittings

Applications:

- Used in tough, industrial and corrosive applications

Features:

- Liquidtight, raintight, oiltight for protection and long life in wet, dusty and corrosive environments
- Hex shaped gland nut allows for easy wrenching, providing a fast, tight installation
- Suitable for wet locations
- Reusable, long ferrule prevents pull-out and tight bend conduit pop-out
- Furnished with locknut and sealing ring
- Third party certified
- Available in straight and 90 degree configurations
- Available in sizes 3/8" to 4"
- Available in insulated and non-insulated versions to meet any customer preference

Certifications and Compliances:

- UL Listed liquidtight flexible metal conduit fittings are suitable for use in the following hazardous locations under NEC:
 - Class I, Division 2;
 - Class II, Divisions 1 & 2; and
 - Class III, Divisions 1 & 2;
 - Suitable for grounding in sizes 3/8" through 1 1/4" under NEC
- UL Standards 514B, 467
- cUL Standard C22.2 No. 18F
- UL File No. E-19189



Standard Materials:

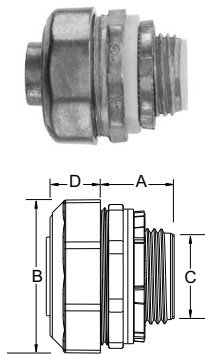
- Body – straight: zinc die cast
90°: zinc die cast
- Gland nut – zinc die cast
- Ferrule – zinc die cast
- Gland nut sealing ring – polyethylene
- Sealing gasket – thermoplastic elastomer
- Locknut – zinc die cast

Standard Finish:

- Zinc die cast – natural

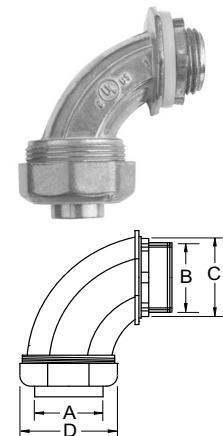
Liquidtight

Straight Connectors – Zinc Die Cast



Trade Size	Cat. # Non-insulated	Cat. # Insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C	D
3/8"	LT38DC	LTB38DC	25	17	1.070	0.960	0.620	0.470
1/2"	LT50DC	LTB50DC	25	14	1.070	1.080	0.620	0.470
3/4"	LT75DC	LTB75DC	15	20	1.070	1.330	0.820	0.470
1"	LT100DC	LTB100DC	8	32	1.340	1.563	1.020	0.570
1 1/4"	LT125DC	LTB125DC	5	51	1.150	1.940	1.360	0.710
1 1/2"	LT150DC	LTB150DC	4	68	1.520	2.190	1.600	0.710
2"	LT200DC	LTB200DC	2	75	1.540	2.660	2.070	0.710
2 1/2"	LT250DC	LTB250DC	1	186	2.200	3.280	2.510	1.060
3"	LT300DC	LTB300DC	1	241	2.220	3.800	3.130	1.060
3 1/2"	LT350DC	LTB350DC	1	323	2.360	4.280	3.580	1.060
4"	LT400DC	LTB400DC	1	369	2.440	4.780	4.050	1.060

90° Angle Connectors – Zinc Die Cast



Trade Size	Cat. # Non-insulated	Cat. # Insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C	D
3/8"	LT3890DC	LTB3890DC	25	20	0.620	0.810	0.920	1.220
1/2"	LT5090DC	LTB5090DC	25	21	0.620	0.910	1.020	1.220
3/4"	LT7590DC	LTB7590DC	15	26	0.800	1.150	1.270	1.360
1"	LT10090DC	LTB10090DC	8	43	1.020	1.380	1.480	1.730
1 1/4"	LT12590DC	LTB12590DC	5	73	1.360	1.770	1.930	2.110
1 1/2"	LT15090DC	LTB15090DC	4	93	1.610	2.010	2.170	2.430
2"	LT20090DC	LTB20090DC	2	119	2.080	2.580	2.680	2.930
2 1/2"	LT25090DC	LTB25090DC	1	310	2.510	3.150	3.210	3.620
3"	LT30090DC	LTB30090DC	1	428	3.130	3.670	3.740	4.280
3 1/2"	LT35090DC	LTB35090DC	1	643	3.580	4.170	4.230	4.840
4"	LT40090DC	LTB40090DC	1	748	4.060	4.740	4.750	5.370

Liquidtight Fittings

LTK Low Profile Conduit Fittings

Applications:

- Flexible metallic liquidtight conduit used with liquidtight fittings is designed to protect conductors from mechanical damage due to vibration and movement while sealing out cutting oils, coolants, water, dust, etc.
- Typical applications include the wiring of machine tools, motors, transformers, food processing equipment, robotics, air conditioning units, illuminated signs, etc.
- LTK Low Profile Liquidtight Fittings are designed specifically for OEM applications that require close side-by-side mounting of multiple liquidtight fittings in tight spaces

Certifications and Compliances:

- UL Listed liquidtight flexible metal conduit fittings are suitable for use in the following hazardous locations under NEC:
 - Class I, Division 2;
 - Class II, Divisions 1 & 2; and
 - Class III, Divisions 1 & 2;
 - Suitable for grounding in sizes 3/8" through 1 1/4" under NEC
- UL Standards 514B, 467
- cUL Standard C22.2 No. 18F
- UL File No. E-19189



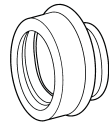
Standard Materials:

- Body – straight: steel
- 45°: malleable iron
- 90°: malleable iron
- Gland nut – steel
- Ferrule – steel
- Gland nut sealing ring – nylon
- Sealing gasket – polypropylene
- Locknut – steel

Standard Finishes:

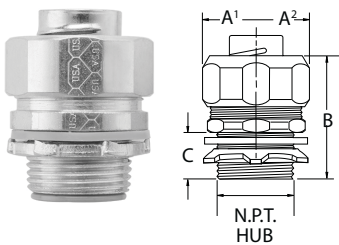
- Steel – zinc electroplate
- Malleable iron – zinc electroplate

Replacement Ferrules



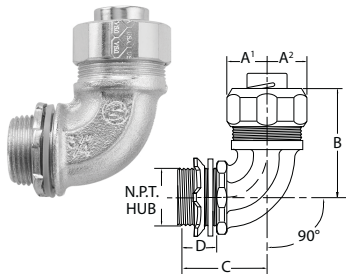
Trade Size	Cat. #	Trade Size	Cat. #
3/8"	LTKF38	1 1/4"	LTKF125
1/2"	LTKF50	1 1/2"	LTKF150
3/4"	LTKF75	2"	LTKF200
1"	LTKF100		

Straight Connectors – Steel



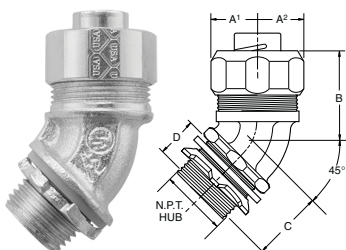
Trade Size	Cat. # Non-insulated	Cat. # Insulated	Unit Qty.	Wt. Lbs. Per 100	Over Round Corner A'	Hex A ²	B	C
3/8"	LTK38	LTK38	25	11	1.094	1.031	1.188	0.594
1/2"	LTK50	LTK50	25	13	1.188	1.125	1.688	0.594
3/4"	LTK75	LTK75	10	19	1.438	1.375	1.438	0.594
1"	LTK100	LTK100	5	30	1.750	1.688	1.625	0.656
1 1/4"	LTK125	LTK125	5	45	2.156	2.063	1.844	0.672
1 1/2"	LTK150	LTK150	2	62	2.375	2.281	2.000	0.719
2"	LTK200	LTK200	2	83	2.875	2.781	2.125	0.719

90° Angle Connectors – Malleable Iron



Trade Size	Cat. # Non-insulated	Cat. # Insulated	Unit Qty.	Wt. Lbs. Per 100	Over Round Corner A'	Hex A ²	B	C	D
3/8"	LTK3890	LTK3890	10	20	1.094	1.031	1.594	1.250	0.563
1/2"	LTK5090	LTK5090	10	23	1.188	1.125	1.656	1.250	0.563
3/4"	LTK7590	LTK7590	5	31	1.438	1.375	1.781	1.531	0.563
1"	LTK10090	LTK10090	5	68	1.750	1.688	2.188	1.844	0.656
1 1/4"	LTK12590	LTK12590	2	82	2.156	2.063	2.375	1.938	0.688
1 1/2"	LTK15090	LTK15090	1	105	2.375	2.281	2.625	2.094	0.719
2"	LTK20090	LTK20090	1	180	2.875	2.781	3.063	2.406	0.719

45° Angle Connectors – Malleable Iron



Trade Size	Cat. # Non-insulated	Cat. # Insulated	Unit Qty.	Wt. Lbs. Per 100	Over Round Corner A'	Hex A ²	B	C	D
3/8"	LTK3845	LTK3845	10	21	1.094	1.031	1.219	1.031	0.594
1/2"	LTK5045	LTK5045	10	20	1.188	1.031	1.313	1.031	0.594
3/4"	LTK7545	LTK7545	10	30	1.438	1.375	1.375	1.125	0.406
1"	LTK10045	LTK10045	5	68	1.750	1.688	1.656	1.250	0.656
1 1/4"	LTK12545	LTK12545	5	73	2.156	2.063	1.719	1.344	0.688
1 1/2"	LTK15045	LTK15045	2	105	2.375	2.281	2.000	1.469	0.719
2"	LTK20045	LTK20045	1	150	2.875	2.781	2.281	1.625	0.719

Liquidtight Fittings

LiQuik™ Conduit Fittings

Applications:

- Used as a labor saving, no disassembly alternative to our Liquidator™ family; simply loosen the black nut, insert your liquidtight conduit and tighten down for a secure connection
- Two dimples on the ferrule insert into the body and “lock” so the ferrule will not spin during the two step “twist on” application, saving both time and money

Features:

- Liquidtight, raintight, oiltight for protection and long life in wet, dusty and corrosive environments
- Hex shaped gland nut allows for easy wrenching, providing a fast, tight installation
- Suitable for wet locations
- Reusable, long ferrule prevents pull-out and tight bend conduit pop-out
- Furnished with locknut and sealing ring
- Third party certified
- Available in straight, 90 and 45 degree configurations
- Available in sizes 3/8” to 2”
- Available in insulated and non-insulated versions to meet any customer preference

Certifications and Compliances:

- UL Listed liquidtight flexible metal conduit fittings are suitable for use in the following hazardous locations under NEC:
 - Class I, Division 2;
 - Class II, Divisions 1 & 2; and
 - Class III, Divisions 1 & 2;
 - Suitable for grounding in sizes 3/8” through 1 1/4” under NEC
- UL Standards 514B, 467
- cUL Standard C22.2 No. 18F
- UL File No. E-19189



Standard Materials:

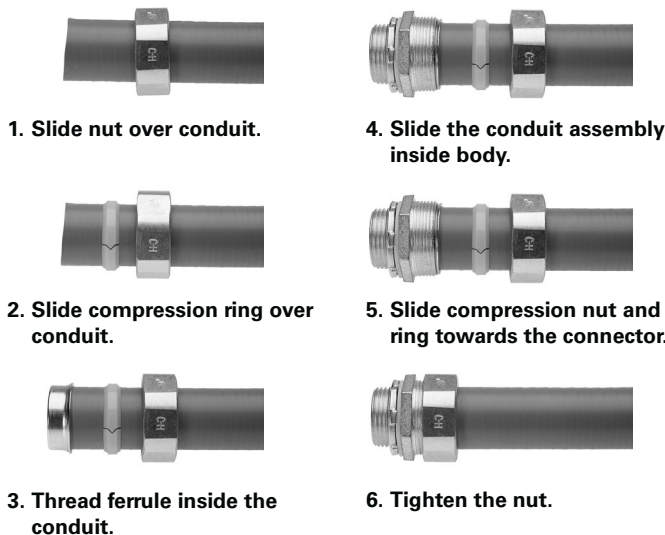
- Body – straight: malleable iron
- 45°: malleable iron
- 90°: malleable iron
- Gland nut – malleable iron
- Ferrule – steel
- Gland nut sealing ring – polyethylene
- Sealing gasket – thermoplastic elastomer
- Locknut – steel

Standard Finish:

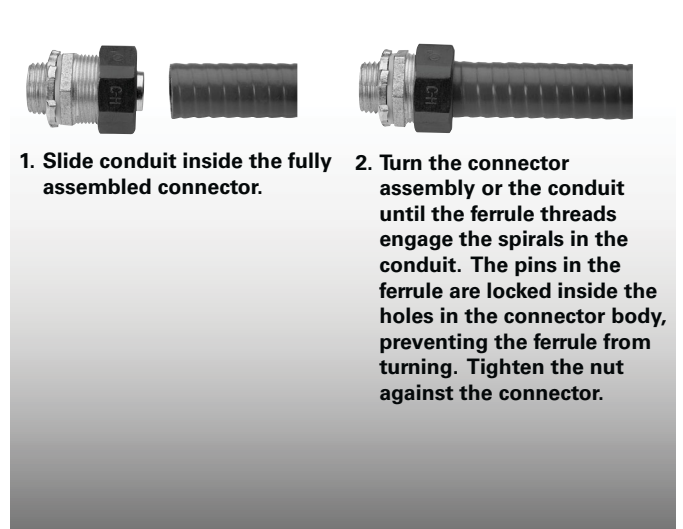
- Malleable iron – zinc electroplate

Liquidtight

Traditional Assembly Installation



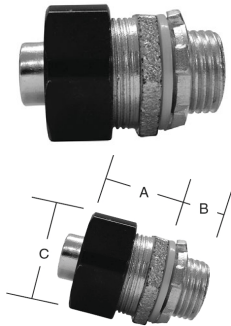
LiQuik™ Liquidtight Fittings – Straight, Non-insulated



Liquidtight Fittings

LiQuik™ Conduit Fittings

Straight Connectors – Malleable Iron

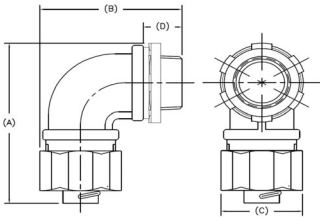


Trade Size	Cat. # Non-insulated	Cat. # Insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C
3/8"	LTQ38	LTQB38	25	16	1.125	0.5625	1.125
1/2"	LTQ50	LTQB50	25	18	1.250	0.5625	1.250
3/4"	LTQ75	LTQB75	25	29	1.250	0.5625	1.563
1"	LTQ100	LTQB100	5	40	1.438	0.6875	1.813
1 1/4"	LTQ125	LTQB125	5	56	1.500	0.7500	2.250
1 1/2"	LTQ150	LTQB150	2	71	1.625	0.8125	2.438
2"	LTQ200	LTQB200	1	100	1.750	0.8125	3.000

90° Angle Connectors – Malleable Iron



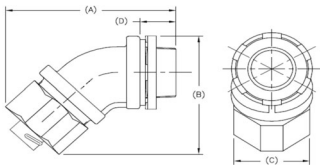
Trade Size	Cat. # Non-insulated	Cat. # Insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C	D
1/2"	LTQ5090	LTQB5090	25	33	2.500	1.830	1.340	0.530
3/4"	LTQ7590	LTQB7590	10	48	2.700	2.710	1.590	0.530
1"	LTQ10090	LTQB10090	10	76	3.110	2.870	1.870	0.660



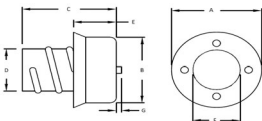
45° Angle Connectors – Malleable Iron



Trade Size	Cat. # Non-insulated	Cat. # Insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C	D
1/2"	LTQ5045	LTQB5045	25	29	2.500	1.890	1.340	0.530
3/4"	LTQ7545	LTQB7545	10	41	2.770	2.300	1.590	0.530
1"	LTQ10045	LTQB10045	10	70	3.130	2.550	1.870	0.660



Replacement Ferrules



Trade Size	Cat. #	Unit Qty.	Wt. Lbs. Per 100	A	B	C	D	E	F	G	Threads/Inch
3/8"	LTQF38	100	1	0.862	0.756	0.896	0.472	0.412	0.451	0.019	5
1/2"	LTQF50	100	2	0.992	0.906	0.925	0.606	0.381	0.533	0.022	5
3/4"	LTQF75	100	3	1.220	1.101	0.930	0.807	0.442	0.795	0.025	5
1"	LTQF100	100	4	1.496	1.368	1.008	1.024	0.484	0.896	0.031	4
1 1/4"	LTQF125	50	5	1.862	1.732	1.181	1.346	0.507	1.230	0.050	4
1 1/2"	LTQF150	50	7	2.094	1.976	1.457	1.560	0.634	1.430	0.063	4
2"	LTQF200	10	10	2.579	2.424	1.457	2.001	0.604	1.845	0.081	4

Liquidtight Fittings

Steel Liquidtight Conduit Fittings

Applications:

- Used in tough, industrial and standard applications
- The compact, slim diameter is meant for tight spaces and neat appearance

Features:

- Liquidtight, raintight, oiltight for protection and long life in wet, dusty and corrosive environments
- Hex shaped gland nut allows for easy wrenching, providing a fast, tight installation
- Suitable for wet locations
- Reusable, long ferrule prevents pull-out and tight bend conduit pop-out
- Furnished with locknut and sealing ring
- Third party certified
- Available in straight configurations only
- Available in sizes $\frac{3}{8}$ " to 2"
- Available in insulated and non-insulated versions to meet any customer preference



Standard Materials:

- Body – steel
- Gland nut – steel
- Ferrule – steel
- Gland nut sealing ring – nylon
- Sealing gasket – polypropylene
- Locknut – steel

Standard Finish:

- Steel – zinc plated

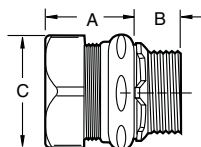
Certifications and Compliances:

- UL Listed liquidtight flexible metal conduit fittings are suitable for use in the following hazardous locations under NEC:
 - Class I, Division 2;
 - Class II, Divisions 1 & 2; and
 - Class III, Divisions 1 & 2;
 - Suitable for grounding in sizes $\frac{3}{8}$ " through $1\frac{1}{4}$ " under NEC
- UL Standards 514B, 467
- cUL Standard C22.2 No. 18F
- UL File No. E-19189



Liquidtight

Straight Connectors – Steel



Trade Size	Cat. # Non-insulated	Cat. # Insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C
$\frac{3}{8}$ "	LT38S	LTB38S	25	11	1.000	0.500	1.063
$\frac{1}{2}$ "	LT50S	LTB50S	25	16	1.438	0.500	1.250
$\frac{3}{4}$ "	LT75S	LTB75S	25	22	1.625	0.500	1.563
1"	LT100S	LTB100S	25	35	2.313	0.625	1.813
$1\frac{1}{4}$ "	LT125S	LTB125S	5	43	1.688	0.665	2.043
$1\frac{1}{2}$ "	LT150S	LTB150S	2	57	1.813	0.691	2.280
2"	LT200S	LTB200S	1	66	1.813	0.766	2.713

Liquidtight Fittings

Space-Saver Liquidtight Conduit Fittings

Applications:

- Used in tough, industrial and standard applications
- The compact, slim diameter is meant for tight spaces and neat appearance
- Male threads on the nut maximize space in box or enclosure and provide a smooth pulling surface, eliminating the need for a bushing or insulated throat fitting

Features:

- Liquidtight, raintight, oiltight for protection and long life in wet, dusty and corrosive environments
- Hex shaped gland nut allows for easy wrenching, providing a fast, tight installation
- Suitable for wet locations
- Reusable, long ferrule prevents pull-out and tight bend conduit pop-out
- Furnished with locknut and sealing ring
- Third party certified
- Available in straight configurations only
- Available in sizes 3/8" to 1"
- Available with optional aluminum grounding lug for easy ground wire termination



Standard Materials:

- Body – malleable iron
- Gland nut – malleable iron
- Ferrule – steel
- Gland nut sealing ring – nylon
- Sealing gasket – rubber
- Locknut – steel

Standard Finish:

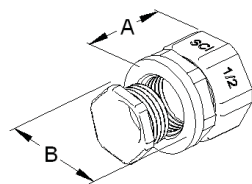
- Malleable iron – zinc plated

Certifications and Compliances:

- UL Listed liquidtight flexible metal conduit fittings are suitable for use in the following hazardous locations under NEC:
 - Class I, Division 2;
 - Class II, Divisions 1 & 2; and
 - Class III, Divisions 1 & 2;
 - Suitable for grounding in sizes 3/8" through 1 1/4" under NEC
- UL Standards 514B, 467
- cUL Standard C22.2 No. 18F
- UL File No. E-19189



Straight Connectors – Malleable Iron



Trade Size	Cat. # Non-insulated	Cat. # With Ground Lug	Unit Qty.	Wt. Lbs. Per 100	A	B
3/8"	SSLT38	SSLT38G	25	23	1.375	1.188
1/2"	SSLT50	SSLT50G	25	26	1.375	1.313
3/4"	SSLT75	SSLT75G	25	36	1.500	1.563
1"	SSLT100	SSLT100G	5	48	1.625	1.875

Liquidtight Fittings

Stainless Steel Liquidtight Conduit Fittings

Applications:

- Used in tough, industrial and standard applications
- Made of strong, corrosion-resistant, 304 stainless steel for long, dependable service where superior corrosion resistance and/or strength is required

Features:

- Liquidtight, raintight, oiltight for protection and long life in wet, dusty and corrosive environments
- Hex shaped gland nut allows for easy wrenching, providing a fast, tight installation
- Suitable for wet locations
- Reusable, long ferrule prevents pull-out and tight bend conduit pop-out
- Furnished with locknut and sealing ring
- Third party certified
- Available in straight and 90 degree configurations
- Available in sizes 1/2" to 2"

Certifications and Compliances:

- UL Listed liquidtight flexible metal conduit fittings are suitable for use in the following hazardous locations under NEC:
 - Class I, Division 2;
 - Class II, Divisions 1 & 2; and
 - Class III, Divisions 1 & 2;
 - Suitable for grounding in sizes 3/8" through 1 1/4" under NEC
- UL Standards 514B, 467
- cUL Standard C22.2 No. 18F
- UL File No. E-19189



Standard Materials:

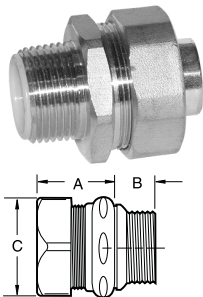
- Body – straight: 304 stainless steel
90°: 304 stainless steel
- Gland nut – 304 stainless steel
- Ferrule – steel
- Gland nut sealing ring – nylon
- Sealing gasket – polypropylene
- Locknut – stainless steel

Standard Finish:

- 304 stainless steel – natural

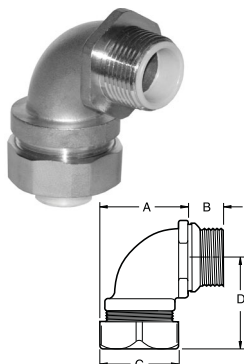
Liquidtight

Straight Connectors – 304 Stainless Steel



Trade Size	Cat. # Insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C
1/2"	LTB50SS	25	21	1.250	0.500	1.250
3/4"	LTB75SS	25	28	1.250	0.500	1.563
1"	LTB100SS	5	46	1.438	0.625	1.813
1 1/4"	LTB125SS	5	57	1.500	0.688	2.250
1 1/2"	LTB150SS	2	68	1.625	0.750	2.438
2"	LTB200SS	1	103	1.750	0.750	3.000

90° Angle Connectors – 304 Stainless Steel



Trade Size	Cat. # Insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C	D
1/2"	LTB5090SS	25	30	1.438	0.500	1.250	1.625
3/4"	LTB7590SS	10	43	1.625	0.500	1.563	1.750
1"	LTB10090SS	10	73	2.313	0.625	1.813	2.125
1 1/4"	LTB12590SS	5	96	2.375	0.688	2.250	2.250
1 1/2"	LTB15090SS	2	104	3.688	0.750	2.438	2.375
2"	LTB20090SS	1	143	3.813	0.750	3.000	2.750

Liquidtight Fittings

Stainless Steel Liquidtight Accessories

SEALING GASKETS (ORDER SEPARATELY)

Applications:

- To form a raintight seal between a conduit fitting and the outside of a box

Features:

- Gasket is designed to provide superior sealing for customer applications
- Constructed of stainless steel to provide extreme durability in the most corrosive applications

Certifications and Compliances:

- UL Listed
- cUL Listed

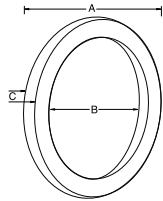


Standard Materials:

- Ring – stainless steel
- Gasket – neoprene rubber

Standard Finishes:

- Stainless steel – natural
- Neoprene rubber – natural



Trade Size	Cat. #	Unit Qty.	Wt. Lbs. Per 100	A	B	C
1/2"	SG1SS	50	50	1.125	0.813	0.188
3/4"	SG2SS	25	25	1.375	1.125	0.188
1"	SG3SS	25	25	1.625	1.313	0.188
1 1/4"	SG4SS	5	5	2.000	1.625	0.188
1 1/2"	SG5SS	5	5	2.250	1.875	0.188
2"	SG6SS	5	5	2.750	2.313	0.188

LOCKNUTS (ORDER SEPARATELY)

Applications:

- 316 stainless steel locknuts can be used with conduit or NPS threaded pipe

Features:

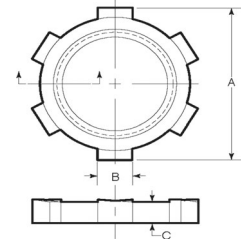
- Precision machined threads allow for easy installation
- Heavy stock thickness and specially designed tabs tighten securely and will not easily loosen even in the most severe applications

Standard Material:

- Locknut – stainless steel

Standard Finish:

- Stainless steel – natural



Trade Size	Cat. #	Unit Qty.	Wt. Lbs. Per 100	A	B	C	Threads/Inch
1/2"	11SS	1000	2	1.313	0.250	0.190	14.000
3/4"	12SS	500	3	1.613	0.312	0.220	14.000
1"	13SS	500	5	1.863	0.380	0.260	11.500
1 1/4"	14SS	100	7	2.250	0.380	0.260	11.500
1 1/2"	15SS	100	10	2.562	0.438	0.270	11.500
2"	16SST	100	21	3.063	0.602	0.280	11.500

Liquidtight Fittings

Product of the USA Conduit Fittings

Applications:

- Used in tough, industrial and standard applications
- Used in government funded projects or projects that require domestic made material

Features:

- Liquidtight, raintight, oiltight for protection and long life in wet, dusty and corrosive environments
- Hex shaped gland nut allows for easy wrenching, providing a fast, tight installation
- Suitable for wet locations
- Reusable, long ferrule prevents pull-out and tight bend conduit pop-out
- Furnished with locknut and sealing ring
- Third party certified
- Available in straight, 90 and 45 degree configurations
- Available in sizes $\frac{3}{8}$ " to 4"

Certifications and Compliances:

- UL Listed liquidtight flexible metal conduit fittings are suitable for use in the following hazardous locations under NEC:
 - Class I, Division 2;
 - Class II, Divisions 1 & 2; and
 - Class III, Divisions 1 & 2;
 - Suitable for grounding in sizes $\frac{3}{8}$ " through $1\frac{1}{4}$ " under NEC
- UL Standards 514B, 467
- cUL Standard C22.2 No. 18F
- UL File No. E-19189



Standard Materials:

- Body – straight: steel
45°: malleable iron
90°: malleable iron
- Gland nut – steel
- Ferrule – steel
- Gland nut sealing ring – nylon
- Sealing gasket – polypropylene
- Locknut – steel

Standard Finishes:

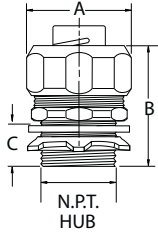
- Steel – zinc electroplate
- Malleable iron – zinc electroplate

Liquidtight

Liquidtight Fittings

Product of the USA Conduit Fittings

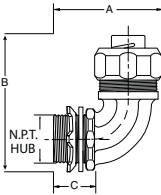
Straight Connectors – Steel (1/2" to 2"); Malleable Iron (2 1/2" to 4")



Trade Size	Cat. # Non-insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C
1/2"	LT50 US	25	13	1.190	1.340	0.630
3/4"	LT75 US	20	20	1.430	1.430	0.630
1"	LT100 US	5	36	1.750	1.630	0.660
1 1/4"	LT125 US	5	48	2.160	1.840	0.670
1 1/2"	LT150 US	5	70	2.380	2.000	0.720
2"	LT200 US	5	100	2.880	2.130	0.720
2 1/2"	LT250 US	1	260	4.000	3.250	1.500
3"	LT300 US	1	360	4.630	3.880	1.500
3 1/2"	LT350 US	1	445	5.500	4.000	1.500
4"	LT400 US	1	520	5.820	4.000	1.630

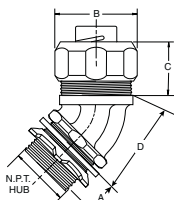
90° Angle Connectors – Malleable Iron

Liquidtight



Trade Size	Cat. # Non-insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C
1/2"	LT5090 US	10	24	1.250	1.660	0.590
3/4"	LT7590 US	5	38	1.530	1.780	0.590
1"	LT10090 US	5	70	1.840	2.190	0.660
1 1/4"	LT12590 US	5	88	1.940	2.380	0.690
1 1/2"	LT15090 US	2	125	2.090	2.630	0.720
2"	LT20090 US	1	180	2.410	3.060	0.720
2 1/2"	LT25090 US	1	625	8.000	9.250	1.500
3"	LT30090 US	1	900	8.750	10.500	1.500
3 1/2"	LT35090 US	1	1000	10.930	11.500	1.500
4"	LT40090 US	1	1500	12.630	13.000	1.500

45° Angle Connectors – Malleable Iron



Trade Size	Cat. # Non-insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C	D
1/2"	LT5045 US	10	23	0.590	1.190	1.320	1.030
3/4"	LT7545 US	5	32	0.590	1.430	1.380	1.130
1"	LT10045 US	5	53	0.660	1.750	1.660	1.250
1 1/4"	LT12545 US	5	69	0.690	2.160	1.720	1.340
1 1/2"	LT15045 US	3	99	0.720	2.380	2.000	1.470
2"	LT20045 US	1	152	0.720	2.880	2.280	1.630
2 1/2"	LT25045 US	1	478	1.500	4.000	2.250	4.750
3"	LT30045 US	1	775	1.500	4.630	2.500	5.500
3 1/2"	LT35045 US	1	880	1.560	5.250	2.500	6.500
4"	LT40045 US	1	1000	1.630	5.810	2.500	7.750

Liquidtight Fittings

Liquidtight Accessories

SELF-RETAINING PVC GASKET WITH STEEL RING

Applications:

- Used with locknuts in order to obtain watertight seals when connecting Liquidator™ fittings to an enclosure

Certifications and Compliances:

- UL Listed (3/8" to 2")

Standard Material:

- Gasket with steel ring – PVC

Standard Finish:

- PVC – natural

UL File No. E-23223



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
SG1	3/8" - 1/2"	100	1
SG2	3/4"	50	2
SG3	1"	50	2
SG4	1 1/4"	25	2
SG5	1 1/2"	25	4
SG6	2"	25	3
SG7	2 1/2"	10	5
SG8	3"	10	10
SG9	3 1/2"	10	12
SG10	4"	10	10
SG11	5"	5	15
SG12	6"	5	22

COMBINATION COUPLINGS FOR COUPLING LIQUIDTIGHT TO THREADED RIGID/IMC CONDUIT

Applications:

- Used to couple liquidtight conduit to threaded rigid and IMC conduit

Certifications and Compliances:

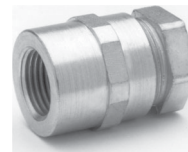
- UL Listed
- cUL Listed
- UL File No. E-19189

Standard Materials:

- Body – malleable iron
- Ferrule – steel

Standard Finish:

- Malleable iron – zinc plated



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
LTR38*	3/8"	25	17
LTR50	1/2"	25	29
LTR75	3/4"	25	33
LTR100	1"	5	59
LTR125	1 1/4"	2	105
LTR150	1 1/2"	2	105
LTR200	2"	1	160

*For 3/8" liquidtight to 1/2" rigid/IMC.

COMBINATION COUPLINGS FOR COUPLING LIQUIDTIGHT TO THREADED RIGID/IMC CONDUIT – GROUNDING TYPE ALUMINUM LUG OR COPPER LUG

Applications:

- Used to couple liquidtight conduit to threaded rigid/IMC conduit
- Available with an aluminum or copper grounding lug

Standard Materials:

- Body – malleable iron
- Ferrule – steel
- Lug – aluminum or copper

Standard Finishes:

- Malleable iron – zinc plated
- Aluminum – natural
- Copper – natural



Cat. # Aluminum Ground Lug	Cat. # Copper Ground Lug	Trade Size	Unit Qty.	Wt. Lbs. Per 100
LTR38G*	LTR38GC*	3/8"	25	24
LTR50G	LTR50GC	1/2"	25	30
LTR75G	LTR75GC	3/4"	25	35
LTR100G	LTR100GC	1"	5	59
LTR125G	LTR125GC	1 1/4"	5	81
LTR150G	LTR150GC	1 1/2"	2	107
LTR200G	LTR200GC	2"	1	162

*For 3/8" liquidtight to 1/2" rigid/IMC.

Liquidtight

Liquidtight Fittings

Non-metallic Liquidtight Conduit Fittings

Applications:

- For use with non-metallic Type B liquidtight conduit to terminate and seal conduit to liquidtight, oiltight or raintight box or enclosure

Features:

- Liquidtight, raintight, oiltight for protection and long life in wet, dusty and corrosive environments
- Hex shaped gland nut allows for easy wrenching, providing a fast, tight installation
- Suitable for wet locations
- Reusable, long ferrule prevents pull-out and tight bend conduit pop-out
- Furnished with locknut and sealing ring
- Third party certified
- Available in straight and 90 degree configurations
- Available in sizes 3/8" to 2"
- Available in black or gray color

Certifications and Compliances:

- UL Listed liquidtight flexible metal conduit fittings are suitable for use in the following hazardous locations under NEC:
 - Class I, Division 2;
 - Class II, Divisions 1 & 2; and
 - Class III, Divisions 1 & 2;
 - Suitable for grounding in sizes 3/8" through 1 1/4" under NEC
- UL Standards 514B, 467
- cUL Standard C22.2 No. 18F
- UL File No. E-19189



Standard Materials:

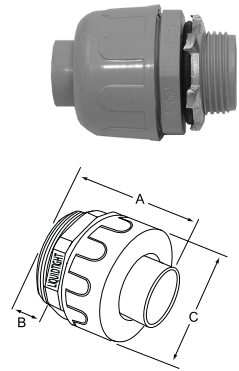
- Body – straight: nylon
90°: nylon
- Ferrule – steel
- Gland nut sealing ring – nylon
- Sealing gasket – polypropylene
- Locknut – steel

Standard Finishes:

- Nylon – natural
- Steel – natural

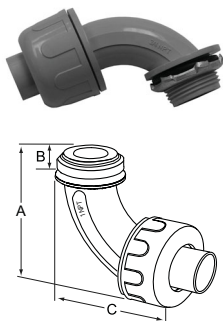
Liquidtight

Straight Connectors – Non-metallic



Trade Size	Cat. # Gray	Cat. # Black	Unit Qty.	Wt. Lbs. Per 100	A	B	C
3/8"	LT38NM	LT38NMBL	25	5	2.000	0.540	1.400
1/2"	LT50NM	LT50NMBL	25	5	2.000	0.540	1.400
3/4"	LT75NM	LT75NMBL	10	7	2.200	0.640	1.700
1"	LT100NM	LT100NMBL	5	14	2.280	0.740	2.000
1 1/4"	LT125NM	LT125NMBL	5	20	2.440	0.760	2.400
1 1/2"	LT150NM	LT150NMBL	2	30	2.700	0.800	2.670
2"	LT200NM	LT200NMBL	2	40	2.990	0.850	3.280

90° Angle Connectors – Non-metallic



Trade Size	Cat. # Gray	Cat. # Black	Unit Qty.	Wt. Lbs. Per 100	A	B	C
3/8"	LT3890NM	LT3890NMBL	10	5	2.120	0.540	3.120
1/2"	LT5090NM	LT5090NMBL	10	5	2.120	0.540	3.120
3/4"	LT7590NM	LT7590NMBL	10	10	2.500	0.520	3.600
1"	LT10090NM	LT10090NMBL	5	16	3.130	0.700	4.130
1 1/4"	LT12590NM	LT12590NMBL	5	28	4.450	0.760	5.200
1 1/2"	LT15090NM	LT15090NMBL	2	40	4.750	0.800	5.200
2"	LT20090NM	LT20090NMBL	2	50	5.420	0.860	5.800

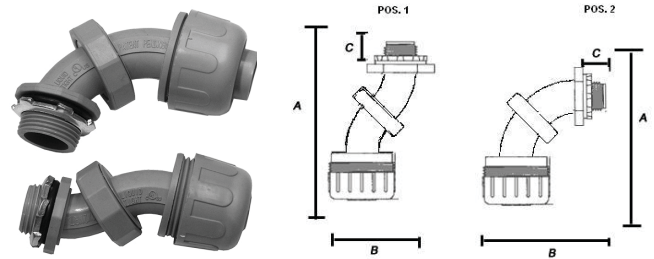
Liquidtight Fittings

Non-metallic Liquidtight Conduit Fittings

MULTI-ANGLE CONNECTORS

Features:

- Swivel design can change from a 0 degree to a 90 degree angle
- No disassembly required
- Eliminate inventory by using the swivel design as a straight or 90 degree connector



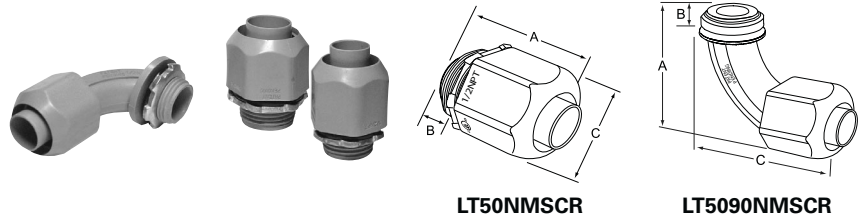
Cat. #	Trade Size	Unit Qty.	Certification	Wt. Lbs. Per 100	A	B	C
LT50U90NM	1/2"	10	cULus	10	Pos. 1 = 3.350"/ Pos. 2 = 3.025"	Pos. 1 = 2.150"/ Pos. 2 = 2.395"	Pos. 1 = 0.500"/ Pos. 2 = 0.500"
LT75U90NM	3/4"	10	cULus	15	Pos. 1 = 4.300"/ Pos. 2 = 3.850"	Pos. 1 = 2.650"/ Pos. 2 = 3.350"	Pos. 1 = 0.520"/ Pos. 2 = 0.520"

Liquidtight

SCREW-ON CONNECTORS

Features:

- Unique one-piece design
- Design allows for excellent liquidtight seal and optimum pull strength without compression nut



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100	A	B	C
Straight Connectors						
LT50NMSCR	1/2"	25	5	1.750"	0.500"	1.250"
LT75NMSCR	3/4"	25	7	1.800"	0.625"	1.500"
90 Degree Angle Connectors						
LT5090NMSCR	1/2"	10	7	1.875"	0.500"	3.125"
LT7590NMSCR	3/4"	10	9	2.375"	0.625"	3.500"

LIQUIDTIGHT WHIPS

Features:

- Available in 1/2" and 3/4" conduit sizes
- 4 ft. and 6 ft. lengths
- Easy installation
- Assembled with all UL components
- Resists corrosion, oil and water
- 1/2" filled with three #10 AWG THHN copper stranded wires
- 3/4" filled with one #10 AWG THHN copper stranded wire and two #8 AWG THHN copper stranded wires



LTWHP50NM4

Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
4 ft.			
LTWHP50NM4	1/2"	24	138
LTWHP75NM4	3/4"	24	188
6 ft.			
LTWHP50NM6	1/2"	24	196
LTWHP75NM6	3/4"	12	267

Liquidtight Fittings

Non-metallic Liquidtight Conduit Fittings

UL TYPE B FLEXIBLE, NON-METALLIC LIQUIDTIGHT CONDUIT

Applications:

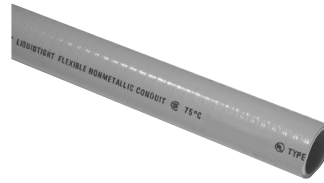
- For use with non-metallic liquidtight fittings to terminate and seal conduit to liquidtight, oiltight or raintight box or enclosure
- Typical applications include wiring motors, transformers, processing equipment, pumps, etc.

Features:

- Resists abrasion, oil, water, acid and metal shavings
- Smooth inside for easier wire pulling; no hazardous sharp edges or burrs; will not damage conductors
- Corrosion-resistant for tough environmental conditions
- Suitable for wet locations
- Quick installation; cuts with utility knife or PVC cutter
- 90° has smooth interior to prevent abrasion of conductors
- Rated for 80°C dry; 60°C wet; 70°C oil-resistant

Certifications and Compliances:

- UL Listed
- CSA certified



LTCOND38NM100 - GRAY



LTCOND38NMBL100 - BLACK

Standard Material:

- Integral rigid and flexible PVC construction

Liquidtight

Cat. # Type B 80°C Dry 60°C Wet 70°C - Gray	Cat. # Type B 105°C Dry 60°C Wet 70°C - Black	Trade Size	Wt. Lbs. Per 100 Ft.	Coil/ Reel Size	O.D. Min. - Max.	I.D. Min. - Max.
LTCOND38NM100	LTCOND38NMBL100	3/8"	13	100 ft.	0.690 - 0.710"	0.484 - 0.504"
LTCOND50NM100	LTCOND50NMBL100	1/2"	15	100 ft.	0.820 - 0.840"	0.622 - 0.642"
LTCOND75NM100	LTCOND75NMBL100	3/4"	20	100 ft.	1.030 - 1.050"	0.820 - 0.840"
LTCOND100NM100	LTCOND100NMBL100	1"	27	100 ft.	1.290 - 1.315"	1.041 - 1.066"
LTCOND125NM100	LTCOND125NMBL100	1 1/4"	35	100 ft.	1.630 - 1.660"	1.380 - 1.410"
LTCOND150NM50	LTCOND150NMBL50	1 1/2"	46	50 ft.	1.865 - 1.900"	1.575 - 1.600"
LTCOND200NM50	LTCOND200NMBL50	2"	66	50 ft.	2.340 - 2.375"	2.020 - 2.045"
LTCOND38NM1200		3/8"	14	1200 ft.	0.690 - 0.710"	0.484 - 0.504"
LTCOND50NM1000		1/2"	17	1000 ft.	0.820 - 0.840"	0.622 - 0.642"
LTCOND75NM800		3/4"	22	800 ft.	1.030 - 1.050"	0.820 - 0.840"
LTCOND100NM500		1"	30	500 ft.	1.290 - 1.315"	1.041 - 1.066"

NON-METALLIC LIQUIDTIGHT ELECTRICAL TUBING

Features:

- Quick installation; cuts with utility knife or PVC cutter
- Suitable for use in high vibration or flexing applications
- Resists corrosion, oil and water
- Maximum flexibility; can be used in extremely tight areas
- Resists abuse, pulling and crushing

Certifications and Compliances:

- UL Listed
- CSA certified



ET25NM100

Cat. #	Trade Size	Wt. Lbs. Per 100 Ft.	Coil/ Reel Size	O.D. Min. - Max.	I.D. Min. - Max.
ET25NM100*	1/4"	8	100 ft.	0.560 - 0.575"	0.385 - 0.405"
ET38NM100	3/8"	9	100 ft.	0.690 - 0.710"	0.484 - 0.504"
ET50NM100	1/2"	10	100 ft.	0.820 - 0.840"	0.622 - 0.642"
ET75NM100	3/4"	14	100 ft.	1.030 - 1.050"	0.820 - 0.840"
ET100NM100	1"	19	100 ft.	1.290 - 1.315"	1.041 - 1.066"
ET125NM100	1 1/4"	22	100 ft.	1.630 - 1.660"	1.380 - 1.410"
ET150NM50	1 1/2"	28	50 ft.	1.865 - 1.900"	1.575 - 1.600"
ET200NM50	2"	42	50 ft.	2.340 - 2.375"	2.020 - 2.045"

*Not CSA certified.

Cord & Cable Connectors

CG Series Color-coded Cord Grips

Applications:

CG Series Color-coded Grips with neoprene bushings are for use with portable cords, including S, SO, STO, ST, SJ, SJT, SJTO and SVO.

CG Cord Grips are installed to:

- Provide a means for passing a cord into an enclosure
- Form a watertight seal for cord
- Provide pull-out protection for cord, ensuring a secure connection

Features:

- Neoprene bushings are color-coded by cable diameter for quick and easy identification of proper cord grip
- Rugged construction protects cord from damage
- Compact design permits close spacing of fittings on panel applications
- Tightening one nut creates watertight seal
- Male tapered thread NPT
- Straight cord grips available in steel or aluminum; 45° and 90° cord grips available in malleable iron

Certifications and Compliances:

- UL Standard 514B
- UL File No. E-23223
- CSA Standard C22.2 No. 18
- Suitable for NEMA 4 enclosures and other wet locations
- Suitable for use in Class I, Division 2 hazardous locations when installed in accordance with NEC 501.10(B)(2)



Standard Materials:

- Body – straight – 1/2" through 1 1/2": steel; 1/2" through 1": aluminum
45° – 1/2" through 1": malleable iron
90° – 1/2" through 1": malleable iron
- Nut – steel or aluminum
- Bushing – neoprene

Standard Finishes:

- Body (steel or malleable Iron) – electrogalvanized
- Body (aluminum) – natural
- Nut (steel) – electrogalvanized
- Nut (aluminum) – natural

Cord & Cable Connectors

CG Series Color-coded Cord Grips

Straight Connectors

Cat. # Steel	Cat. # Aluminum	Size	Color	Cable Range Min.	Cable Range Max.	Unit Qty.	Wt. Lbs. Per 100*
CG50 250	CG50 250SA	1/2"	Red	0.15	0.25	25	10
CG50 350	CG50 350SA	1/2"	White	0.25	0.35	25	10
CG50 450	CG50 450SA	1/2"	Blue	0.35	0.45	25	10
CG50 560	CG50 560SA	1/2"	Green	0.45	0.56	25	10
CG50 650	CG50 650SA	1/2"	Brown	0.55	0.65	25	10
CG75 250	CG75 250SA	3/4"	Red	0.15	0.25	10	14
CG75 350	CG75 350SA	3/4"	White	0.25	0.35	10	14
CG75 450	CG75 450SA	3/4"	Blue	0.35	0.45	10	14
CG75 560	CG75 560SA	3/4"	Green	0.45	0.56	10	14
CG75 650	CG75 650SA	3/4"	Brown	0.55	0.65	10	14
CG75 750	CG75 750SA	3/4"	Yellow	0.65	0.75	10	14
CG75 850	CG75 850SA	3/4"	Purple	0.75	0.85	10	14
CG100 560	CG100 560SA	1"	Green	0.45	0.56	5	20
CG100 650	CG100 650SA	1"	Brown	0.55	0.65	5	20
CG100 750	CG100 750SA	1"	Yellow	0.65	0.75	5	20
CG100 850	CG100 850SA	1"	Purple	0.75	0.85	5	20
CG100 950	CG100 950SA	1"	Gray	0.85	0.95	5	20
CG100 1050	CG100 1050SA	1"	Black	0.95	1.05	5	20
CG125 850		1 1/4"	Purple	0.75	0.85	5	40
CG125 950		1 1/4"	Gray	0.85	0.95	5	40
CG125 1050		1 1/4"	Black	0.95	1.05	5	40
CG125 1150		1 1/4"	Orange	1.05	1.15	5	40
CG125 1250		1 1/4"	Red	1.15	1.25	5	40
CG125 1375		1 1/4"	White	1.25	1.375	5	40
CG150 1050		1 1/2"	Black	0.95	1.05	2	70
CG150 1150		1 1/2"	Orange	1.05	1.15	2	70
CG150 1250		1 1/2"	Red	1.15	1.25	2	70
CG150 1375		1 1/2"	White	1.25	1.375	2	70

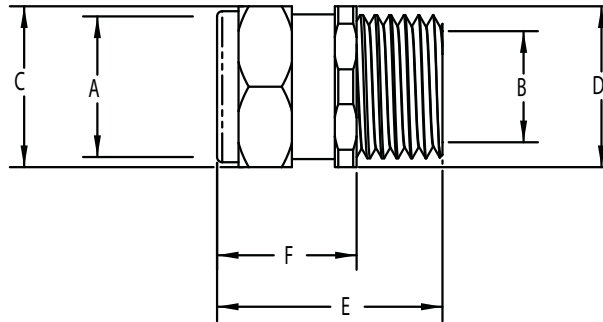
*Wt. lbs. per 100 is for steel connectors only.



Cord & Cable Connectors

CG Series Color-coded Cord Grips

Straight Connector Dimensions (in Inches):



Cat. # Steel	Cat. # Aluminum	Size	Cable Ranges		Max. Cable	Cross Corner	Hex Body	Overall Length	Exposed Length
			Min.	Max.					
CG50 250	CG50 250SA	1/2"	0.150	0.250	0.640	1.070	0.975	1 5/16	13/16
CG50 350	CG50 350SA	1/2"	0.250	0.350	0.640	1.070	0.975	1 5/16	13/16
CG50 450	CG50 450SA	1/2"	0.350	0.450	0.640	1.070	0.975	1 5/16	13/16
CG50 560	CG50 560SA	1/2"	0.450	0.560	0.640	1.070	0.975	1 5/16	13/16
CG50 650	CG50 650SA	1/2"	0.560	0.650	0.640	1.070	0.975	1 5/16	13/16
CG75 250	CG75 250SA	3/4"	0.150	0.250	0.687	1.070	1.220	1 5/16	13/16
CG75 350	CG75 350SA	3/4"	0.250	0.350	0.687	1.070	1.220	1 5/16	13/16
CG75 450	CG75 450SA	3/4"	0.350	0.450	0.687	1.070	1.220	1 5/16	13/16
CG75 560	CG75 560SA	3/4"	0.450	0.560	0.687	1.070	1.220	1 5/16	13/16
CG75 650	CG75 650SA	3/4"	0.560	0.650	0.687	1.070	1.220	1 5/16	13/16
CG75 750	CG75 750SA	3/4"	0.650	0.750	0.845	1.330	1.220	1 9/16	1 1/32
CG75 850	CG75 850SA	3/4"	0.750	0.850	0.845	1.330	1.220	1 9/16	1 1/32
CG100 560	CG100 560SA	1"	0.450	0.560	0.937	1.330	1.500	1 3/4	1 1/8
CG100 650	CG100 650SA	1"	0.560	0.650	0.937	1.330	1.500	1 3/4	1 1/8
CG100 750	CG100 750SA	1"	0.650	0.750	0.937	1.330	1.500	1 3/4	1 1/8
CG100 850	CG100 850SA	1"	0.750	0.850	0.937	1.330	1.500	1 3/4	1 1/8
CG100 950	CG100 950SA	1"	0.850	0.950	1.050	1.625	1.500	1 7/8	1 3/16
CG100 1050	CG100 1050SA	1"	0.950	1.050	1.050	1.625	1.500	1 7/8	1 3/16
CG125 850	-	1 1/4"	0.750	0.850	1.187	1.625	1.900	1 15/16	1 1/4
CG125 950	-	1 1/4"	0.850	0.950	1.187	1.625	1.900	1 15/16	1 1/4
CG125 1050	-	1 1/4"	0.950	1.050	1.375	2.032	1.900	1 15/16	1 1/4
CG125 1150	-	1 1/4"	1.050	1.150	1.375	2.032	1.900	1 15/16	1 1/4
CG125 1250	-	1 1/4"	1.150	1.250	1.375	2.032	1.900	1 15/16	1 1/4
CG125 1375	-	1 1/4"	1.250	1.375	1.375	2.032	1.900	1 15/16	1 1/4
CG150 1050	-	1 1/2"	0.950	1.050	1.375	2.032	2.280	2	1 5/16
CG150 1150	-	1 1/2"	1.050	1.150	1.375	2.032	2.280	2	1 5/16
CG150 1250	-	1 1/2"	1.150	1.250	1.375	2.032	2.280	2	1 5/16
CG150 1375	-	1 1/2"	1.250	1.375	1.375	2.032	2.280	2	1 5/16

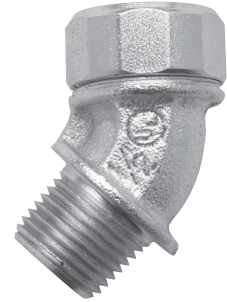
Cord & Cable

Cord & Cable Connectors

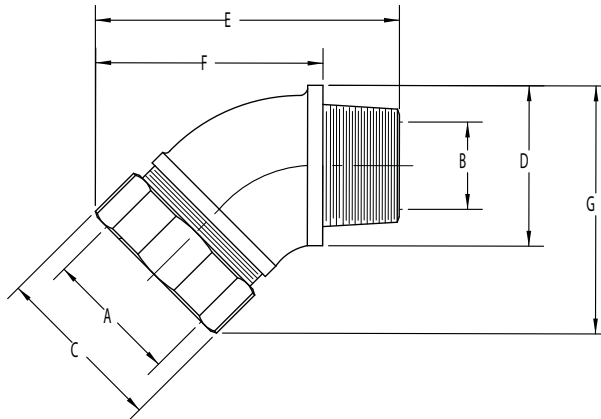
CG Series Color-coded Cord Grips

45° Connectors

Cat. # Steel	Size	Color	Cable Range Min.	Cable Range Max.	Unit Qty.	Wt. Lbs. Per 100
CG5045 250	1/2"	Red	0.15	0.25	10	24
CG5045 350	1/2"	White	0.25	0.35	10	24
CG5045 450	1/2"	Blue	0.35	0.45	10	24
CG5045 560	1/2"	Green	0.45	0.56	10	24
CG5045 650	1/2"	Brown	0.55	0.65	10	24
CG7545 250	3/4"	Red	0.15	0.25	10	36
CG7545 350	3/4"	White	0.25	0.35	10	36
CG7545 450	3/4"	Blue	0.35	0.45	10	36
CG7545 560	3/4"	Green	0.45	0.56	10	36
CG7545 650	3/4"	Brown	0.55	0.65	10	36
CG7545 750	3/4"	Yellow	0.65	0.75	10	36
CG7545 850	3/4"	Purple	0.75	0.85	10	36
CG10045 560	1"	Green	0.45	0.56	5	68
CG10045 650	1"	Brown	0.55	0.65	5	68
CG10045 750	1"	Yellow	0.65	0.75	5	68
CG10045 850	1"	Purple	0.75	0.85	5	68
CG10045 950	1"	Gray	0.85	0.95	5	68
CG10045 1050	1"	Black	0.95	1.05	5	68



45° Connector Dimensions (in Inches):



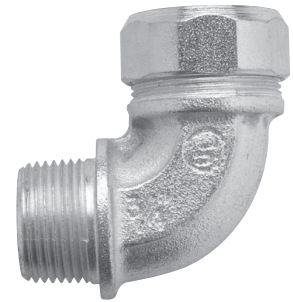
Cat. # Steel	Size	Cable Ranges		Max. Cable	Cross Corner	Hex Body	Overall Length	Exposed Length	Width
		Min.	Max.						
CG5045 250	1/2"	0.150	0.250	19/32	1 3/16	1 3/16	2 3/32	1 25/32	1 7/8
CG5045 350	1/2"	0.250	0.350	19/32	1 3/16	1 3/16	2 3/32	1 25/32	1 7/8
CG5045 450	1/2"	0.350	0.450	19/32	1 3/16	1 3/16	2 3/32	1 25/32	1 7/8
CG5045 560	1/2"	0.450	0.560	19/32	1 3/16	1 3/16	2 3/32	1 25/32	1 7/8
CG5045 650	1/2"	0.560	0.650	19/32	1 3/16	1 3/16	2 3/32	1 25/32	1 7/8
CG7545 250	3/4"	0.150	0.250	13/16	1 7/16	1 11/32	2 17/32	1 29/32	2
CG7545 350	3/4"	0.250	0.350	13/16	1 7/16	1 11/32	2 17/32	1 29/32	2
CG7545 450	3/4"	0.350	0.450	13/16	1 7/16	1 11/32	2 17/32	1 29/32	2
CG7545 560	3/4"	0.450	0.560	13/16	1 7/16	1 11/32	2 17/32	1 29/32	2
CG7545 650	3/4"	0.560	0.650	13/16	1 7/16	1 11/32	2 17/32	1 29/32	2
CG7545 750	3/4"	0.650	0.750	13/16	1 7/16	1 11/32	2 17/32	1 29/32	2
CG7545 850	3/4"	0.750	0.850	13/16	1 7/16	1 11/32	2 17/32	1 29/32	2
CG10045 560	1"	0.450	0.560	31/32	1 3/4	1 11/16	2 29/32	2 11/32	2 15/32
CG10045 650	1"	0.560	0.650	31/32	1 3/4	1 11/16	2 29/32	2 11/32	2 15/32
CG10045 750	1"	0.650	0.750	31/32	1 3/4	1 11/16	2 29/32	2 11/32	2 15/32
CG10045 850	1"	0.750	0.850	31/32	1 3/4	1 11/16	2 29/32	2 11/32	2 15/32
CG10045 950	1"	0.850	0.950	31/32	1 3/4	1 11/16	2 29/32	2 11/32	2 15/32
CG10045 1050	1"	0.950	1.050	31/32	1 3/4	1 11/16	2 29/32	2 11/32	2 15/32

Cord & Cable Connectors

CG Series Color-coded Cord Grips

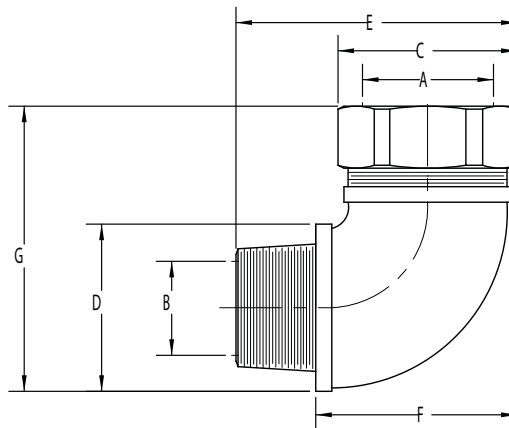
90° Connectors

Cat. # Steel	Size	Color	Cable Range Min.	Cable Range Max.	Unit Qty.	Wt. Lbs. Per 100
CG5090 250	1/2"	Red	0.15	0.25	10	26
CG5090 350	1/2"	White	0.25	0.35	10	26
CG5090 450	1/2"	Blue	0.35	0.45	10	26
CG5090 560	1/2"	Green	0.45	0.56	10	26
CG5090 650	1/2"	Brown	0.55	0.65	10	26
CG7590 250	3/4"	Red	0.15	0.25	10	48
CG7590 350	3/4"	White	0.25	0.35	10	48
CG7590 450	3/4"	Blue	0.35	0.45	10	48
CG7590 560	3/4"	Green	0.45	0.56	10	48
CG7590 650	3/4"	Brown	0.55	0.65	10	48
CG7590 750	3/4"	Yellow	0.65	0.75	10	48
CG7590 850	3/4"	Purple	0.75	0.85	10	48
CG10090 560	1"	Green	0.45	0.56	5	68
CG10090 650	1"	Brown	0.55	0.65	5	68
CG10090 750	1"	Yellow	0.65	0.75	5	68
CG10090 850	1"	Purple	0.75	0.85	5	68
CG10090 950	1"	Gray	0.85	0.95	5	68
CG10090 1050	1"	Black	0.95	1.05	5	68



Cord & Cable

90° Connector Dimensions (in Inches):



Cat. # Steel	Size	Cable Ranges		Max. Cable	Cross Corner	Hex Body	Overall Length	Exposed Length	Width
		Min.	Max.						
CG5090 250	1/2"	0.150	0.250	19/32	1 3/16	1 3/16	1 13/16	1 3/16	2 1/4
CG5090 350	1/2"	0.250	0.350	19/32	1 3/16	1 3/16	1 13/16	1 3/16	2 1/4
CG5090 450	1/2"	0.350	0.450	19/32	1 3/16	1 3/16	1 13/16	1 3/16	2 1/4
CG5090 560	1/2"	0.450	0.560	19/32	1 3/16	1 3/16	1 13/16	1 3/16	2 1/4
CG5090 650	1/2"	0.560	0.650	19/32	1 3/16	1 3/16	1 13/16	1 3/16	2 1/4
CG7590 250	3/4"	0.150	0.250	13/16	1 7/16	1 11/32	2 5/16	1 21/32	2 17/32
CG7590 350	3/4"	0.250	0.350	13/16	1 7/16	1 11/32	2 5/16	1 21/32	2 17/32
CG7590 450	3/4"	0.350	0.450	13/16	1 7/16	1 11/32	2 5/16	1 21/32	2 17/32
CG7590 560	3/4"	0.450	0.560	13/16	1 7/16	1 11/32	2 5/16	1 21/32	2 17/32
CG7590 650	3/4"	0.560	0.650	13/16	1 7/16	1 11/32	2 5/16	1 21/32	2 17/32
CG7590 750	3/4"	0.650	0.750	13/16	1 7/16	1 11/32	2 5/16	1 21/32	2 17/32
CG7590 850	3/4"	0.750	0.850	13/16	1 7/16	1 11/32	2 5/16	1 21/32	2 17/32
CG10090 560	1"	0.450	0.560	31/32	1 3/4	1 11/16	2 3/4	2 1/32	2 29/32
CG10090 650	1"	0.560	0.650	31/32	1 3/4	1 11/16	2 3/4	2 1/32	2 29/32
CG10090 750	1"	0.650	0.750	31/32	1 3/4	1 11/16	2 3/4	2 1/32	2 29/32
CG10090 850	1"	0.750	0.850	31/32	1 3/4	1 11/16	2 3/4	2 1/32	2 29/32
CG10090 950	1"	0.850	0.950	31/32	1 3/4	1 11/16	2 3/4	2 1/32	3
CG10090 1050	1"	0.950	1.050	31/32	1 3/4	1 11/16	2 3/4	2 1/32	3

Cord & Cable Connectors

NCG Non-metallic Cord Grips

Applications:

For use with portable cord, NCG Series Watertight Cord Grips terminate and protect conductors from mechanical damage due to vibration and movement. A neoprene bushing seals out oils, coolants, water, dust and other abusive agents. NCG Cord Grips may be used with types S, SO, STO, SJ, SJT, SJTO and SVO portable cords.

Typical applications include the termination of wiring for:

- Machine tools
- Motors
- Transformers
- Food processing equipment
- Robotics
- Air conditioning units
- Illuminated signs
- Terminal boxes
- Control cabinets

Features:

- Available in 3/8" to 1" trade sizes
- Neoprene bushings cover a large cable range, reducing the number of different fittings required
- Polyamide non-metallic construction stands up to most corrosive environments
- Polyamide locknut available; order separately
- UL Listed and cUL third party certified
- Raintight and watertight construction for outdoor use
- Tightening one nut creates watertight seal

Certifications and Compliances:

- UL File No. E-23223
- UL Standard 514B
- cUL to CSA Standard C22.2 No. 18
- IP68
- NEMA 4X Watertight
- Zone 2, Division 2 use per Code



Standard Materials:

- Cable gland body and nut – polyamide 6
- Bushing – neoprene
- Locknut – polyamide 6

Cat. #	Size	Cable Range in Inches (mm)
NCG38 35	3/8"	0.10 - 0.35 (2.5 - 8mm)
NCG50 50	1/2"	0.20 - 0.50 (5 - 12mm)
NCG75 75	3/4"	0.35 - 0.75 (9 - 18mm)
NCG100 100	1"	0.55 - 1.00 (14 - 25mm)



Locknuts (Ordered Separately)

Cat. #	Size	Std. Pkg.
10N	3/8"	25
11N	1/2"	25
12N	3/4"	25
13N	1"	20



Cord & Cable Connectors

NCGS Non-metallic Solar Cord Grips

Applications:

- Used in both commercial and residential grid-tied PV solar applications and are designed to accommodate the entry of multiple PV wires coming into a combiner or pass through box
- Provide mechanical strain relief as well as a liquidtight seal around the solar panel wires

Features:

- Multi-hole grip to allow for entry of multiple PV wires
- Solar cord grips offer customer flexibility by allowing the termination from one to 31 PV wires in a single connector
- Skinned over glands provide a durable, liquidtight seal around the wires
- No disassembly required for installation
- Wide range of cable acceptance sizes for customer flexibility
- Steel locknuts included
- Temperature rating: -22°F (-30°C) to 212°F (100°C) to meet the most demanding environmental conditions

Certifications and Compliances:

- UL/cUL recognized
- UL File No. E-23223
- IP68
- Flammability rating: 94-V2

Standard Materials and Finishes:

- 6/6 nylon with TPE/Buna N sealing glands, natural



Cord & Cable

Cat. #	Size	No. of Holes	Hole Cable Dia.	Wire Type	Wire Size
NCGS25	3/4"	5	5mm	USE-2	12 AWG, 10 AWG
NCGS237*	3/4"	3	7mm	1000V PV Cable	12 AWG, 10 AWG
NCGS39	1"	9	5mm	USE-2	12 AWG, 10 AWG
NCGS357*	1"	5	7mm	1000V PV Cable	12 AWG, 10 AWG
NCGS413	1 1/4"	13	5mm	USE-2	12 AWG, 10 AWG
NCGS497*	1 1/4"	9	7mm	1000V PV Cable	12 AWG, 10 AWG
NCGS478*	1 1/4"	7	8mm	1000V PV Cable	12 AWG, 10 AWG, 8 AWG
NCGS521	1 1/2"	21	5mm	USE-2	12 AWG, 10 AWG
NCGS5117	1 1/2"	11	7mm	1000V PV Cable	12 AWG, 10 AWG
NCGS598	1 1/2"	9	8mm	1000V PV Cable	12 AWG, 10 AWG, 8 AWG
NCGS631	2"	31	5mm	USE-2	12 AWG, 10 AWG
NCGS6197*	2"	19	7mm	1000V PV Cable	12 AWG, 10 AWG
NCGS6128*	2"	12	8mm	1000V PV Cable	12 AWG, 10 AWG, 8 AWG

*UL Listed.

AC/MC Fittings

ACB Series

ACB SERIES – STEEL & MALLEABLE IRON

Applications:

- ACB Series Connectors are used to connect armoured cable, metal-clad cable or flexible metallic conduit to a box or enclosure

Features:

- Dual gripping saddle design on the connector safely secures cable or conduit in place and prevents loosening from vibration
- Insulated throat provides a smooth pulling surface that won't strip cable
- Angled teeth on locknut bite into enclosure, preventing loosening from vibration
- Tri-head set screw may be installed using a slotted, Phillips or Robertson head screwdriver
- Steel connector is zinc electroplated for corrosion resistance

Listed for use with:

- Flexible Metal Conduit (RWFMC): $\frac{3}{8}$ " - 4"
- Armoured cable (AC): $\frac{3}{8}$ " - $1\frac{1}{4}$ "
- MC cable (MC): $\frac{3}{8}$ " - 3"
- MCI-A cable (MCI-A): $\frac{3}{8}$ " - $1\frac{1}{4}$ "

Certifications and Compliances:

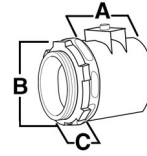
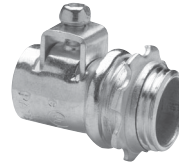
- UL Listed
- cUL Listed
- UL File No. E-19188

Standard Materials and Finishes:

- Body – straight: steel, zinc electroplated
- Body – 45° and 90°: malleable, zinc electroplated
- Saddle – steel, zinc electroplated
- Screw – steel, zinc electroplated
- Insulated throat – thermoplastic, natural

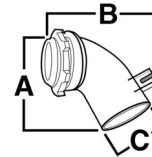


Straight Connectors



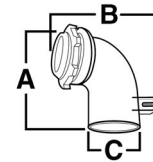
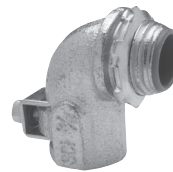
Cat. #	Trade Size	Cable Opening		Unit Qty.	Dimensions		
		Max.	Min.		A	B	C
ACB38	$\frac{3}{8}$ "	0.660	0.400	50	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$\frac{1}{2}$ "
ACB50	$\frac{1}{2}$ "	0.920	0.520	25	$1\frac{3}{8}$ "	$1\frac{1}{4}$ "	$\frac{7}{16}$ "
ACB75	$\frac{3}{4}$ "	1.110	0.680	10	$1\frac{3}{8}$ "	$1\frac{7}{16}$ "	$\frac{7}{16}$ "
ACB100	1"	1.380	0.880	5	$1\frac{9}{16}$ "	$1\frac{13}{16}$ "	$\frac{1}{2}$ "
ACB125	$1\frac{1}{4}$ "	1.635	1.150	5	$2\frac{3}{16}$ "	$2\frac{1}{2}$ "	$\frac{5}{8}$ "
ACB150	$1\frac{1}{2}$ "	1.950	1.490	5	$2\frac{7}{16}$ "	$2\frac{1}{2}$ "	$\frac{5}{8}$ "
ACB200	2"	2.450	1.765	1	$2\frac{9}{16}$ "	3"	$\frac{5}{8}$ "
ACB250	$2\frac{1}{2}$ "	3.060	2.270	1	$2\frac{11}{16}$ "	$3\frac{5}{8}$ "	$1\frac{3}{16}$ "
ACB300	3"	3.560	3.160	1	$2\frac{13}{16}$ "	4 $\frac{1}{4}$ "	$1\frac{5}{16}$ "
ACB350	$3\frac{1}{2}$ "	4.060	3.860	1	$2\frac{15}{16}$ "	$3\frac{3}{4}$ "	1"
ACB400	4"	4.560	4.360	1	3"	$5\frac{3}{16}$ "	$1\frac{1}{16}$ "

45° Connectors



Cat. #	Trade Size	Cable Opening		Unit Qty.	Dimensions		
		Max.	Min.		A	B	C
ACB3845	$\frac{3}{8}$ "	0.660	0.400	50	$1\frac{3}{16}$ "	$1\frac{13}{16}$ "	$\frac{15}{16}$ "
ACB5045	$\frac{1}{2}$ "	0.920	0.520	25	$2\frac{1}{8}$ "	$2\frac{1}{8}$ "	$1\frac{1}{4}$ "
ACB7545	$\frac{3}{4}$ "	1.110	0.680	10	$2\frac{1}{8}$ "	$2\frac{3}{8}$ "	$1\frac{7}{16}$ "

90° Connectors



Cat. #	Trade Size	Cable Opening		Unit Qty.	Dimensions		
		Max.	Min.		A	B	C
ACB3890	$\frac{3}{8}$ "	0.660	0.400	50	$1\frac{3}{4}$ "	$2\frac{1}{16}$ "	1"
ACB5090	$\frac{1}{2}$ "	0.920	0.520	25	$2\frac{1}{8}$ "	$2\frac{1}{4}$ "	$1\frac{1}{4}$ "
ACB7590	$\frac{3}{4}$ "	1.110	0.680	10	$2\frac{1}{2}$ "	$2\frac{1}{2}$ "	$1\frac{3}{8}$ "
ACB10090	1"	1.380	0.880	5	$2\frac{13}{16}$ "	$2\frac{3}{8}$ "	$1\frac{11}{16}$ "

AC/MC Fittings

Space-Saver ACB Series Quick-Lok™ Connectors

SPACE-SAVER ACB SERIES – STEEL

Applications:



- Used to join AC/MC cable to a box or enclosure

Features:

- Male threads on locknut allow for more room inside the box
- Smooth pulling surface eliminates the need for insulated throat fittings and/or plastic bushings
- Angled teeth on locknut bite into enclosure, preventing loosening from vibration
- Dual gripping saddle design on the fitting safely secures cable or conduit in place and prevents loosening from vibration
- Tri-head set screw may be installed using a slotted, Phillips or Robertson head screwdriver
- Steel fitting is zinc electroplated for added corrosion resistance
- Suitable for use with steel or aluminum cables
- Dry locations



Certifications and Compliances:

- UL and cUL Listed, File No. E-19188  
- UL Standard 514B
- Certified by UL to CSA Standard C22.2 No. 18

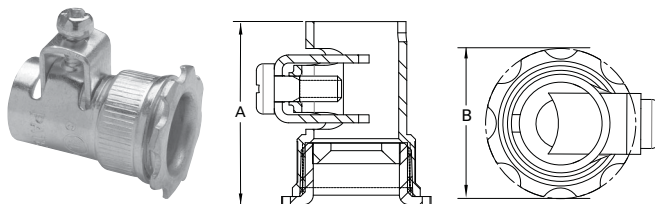
Standard Material:

- Body and nut – steel

Standard Finish:

- Steel – zinc electroplate

UL File No. E-19188



Cat. #	Trade Size	KO Size	Cable Dia. Range		Unit Qty.	Wt. Lbs. Per 100	A	B	C
			Max.	Min.					
SSACB38*	3/8"	1/2"	0.660	0.400	50	9	1.36	1.14	1.31
SSACB50*	1/2"	1/2"	0.920	0.520	25	12	1.39	1.14	1.57
SSACB75	3/4"	3/4"	1.110	0.680	20	14	1.46	1.36	1.71
SSACB100	1"	1"	1.375	0.930	5	30	N/A	N/A	N/A

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).
MCAP™ is a registered trademark of Southwire Company.

QUICK-LOK™ CONNECTORS – STEEL

Features:

- No locknut required
- Single unit or duplex construction with captive clamp
- Connects 50 MC, AC and flex RW cable sizes with just three fittings
- Easy to install: tilt, insert and snap down
- Single unit construction eliminates loose component parts; integral green plastic insulated throat bushing provides maximum protection for wire installation

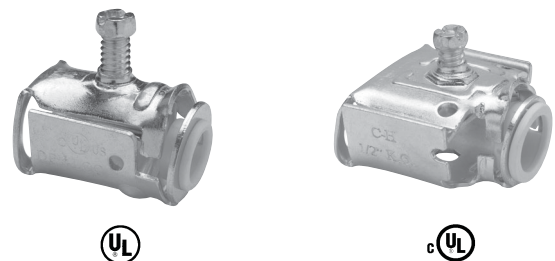
Standard Material:

- Tubular steel

Standard Finish:

- Zinc plated

UL File No. E-19188



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
QLK50S*	1/2" single	50 For 14/4 to 10/3 For 3/8" FMC	8
QLK50D*	1/2" duplex	25 For 14/4 to 10/3	10
QLK75*	3/4"	25 For 10/3 to 6/3 For 3/8" and 1/2" FMC	14

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).
MCAP™ is a registered trademark of Southwire Company.

AC/MC Fittings

AC/MC Fittings

Quick-Lok™ Pro Connectors – Zinc Die Cast & Steel Set Screw & Duplex Type – Malleable Iron

QUICK-LOK™ PRO CONNECTORS – ZINC DIE CAST & STEEL

Applications:

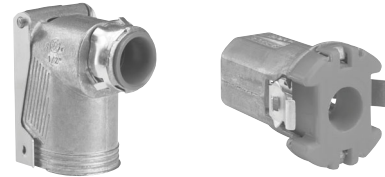
- Quick-Lok™ Pro Connectors are used to connect armoured cable, metal-clad cable, MCI-A cable or flexible metallic conduit to a box or enclosure for dry location applications
- Fits 1/2" knockout

Connectors:

- **Single Connector** – For installation of one cable into a box or enclosure
- **Duplex Connector** – Allows for installation of two cables in a single KO, into box or enclosure
- **90° Connector** – For installation of 90° bend in cable
- **Old Work Connector** – For installing and terminating cable after an old work box has been installed

Features:

- Easy tool-free installation (the single and old work connector can also be removed without tools)
- Integral insulated throat bushing provides protection for wire insulation
- Reusable
- Wide range of styles and configurations to meet customer requirements and preferences
- Single unit construction eliminates loose component parts
- Duplex and 90° connector cover opens wide for easy access and wiring
- For use in dry locations/concrete tight when taped



Certifications and Compliances:

- cULus
- UL File No. E-19188
- Concrete tight when taped

Standard Materials:

- Body – zinc die cast, zinc plated steel
- Cover – zinc plated steel
- Insulator – non-metallic

AC/MC Fittings

Cat. #	Description	Cable Size			Cable Dia. Range	Outlet Box KO Size	Unit Qty.	Wt. Lbs. Per 100
		AL and Steel AC	AL and Steel MC/MCI-A/HCF*	AL and Steel RWFMC				
38MCQ	3/8" Connector	14/2 to 10/3	14/2 to 10/3	3/8"	0.395" - 0.638"	1/2"	50	6.0
38MCQS	3/8" Connector	14/2 to 10/3	14/2 to 10/3	3/8"	0.395" - 0.638"	1/2"	50	6.0
38MCQBULK	3/8" Connector	14/2 to 10/3	14/2 to 10/3	3/8"	0.395" - 0.638"	1/2"	500	6.0
38MCQD	3/8" Duplex Connector	14/2 to 10/3	14/2 to 10/3	3/8"	0.460" - 0.610"	1/2"	25	11.3
38MCQDBULK	3/8" Duplex Connector	14/2 to 10/3	14/2 to 10/3	3/8"	0.460" - 0.610"	1/2"	250	11.3
38MCQ90	3/8" 90° Connector	14/2 to 10/3	14/2 to 10/4	3/8"	0.469" - 0.610"	1/2"	25	7.5
50MCQ90	1/2" 90° Connector	8/2 to 8/3	8/2 to 8/3	1/2"	0.670" - 0.785"	1/2"	25	11.3
38MCQOW	3/8" Old Work Connector	14/2 to 10/3	14/2 to 10/3	-	0.395" - 0.638"	1/2"	50	6.0

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCI-A (Southwire MCAP™). MCAP™ is a registered trademark of Southwire Company.

SET SCREW TYPE – MALLEABLE IRON

UL File No. E-19188



Cat. #	Trade Size	Dia. of Opening for Cable	Dia. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
702V	3/8"	5/8"	7/16"	100	7

For 2 conductor Nos. 14, 12
3 conductor Nos. 14, 12
4 conductor No. 14, 5/16" flex

DUPLEX TYPE – MALLEABLE IRON

UL File No. E-19188



Cat. #	Trade Size	Dia. of Opening for Cable	Dia. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
Straight					
699*	3/8"	5/8"	9/16"	25	20
90 Degree					
700*	3/8"	5/8"	9/16"	25	14

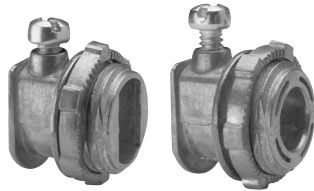
*UL Listed as grounding means.

AC/MC Fittings

Set Screw & Duplex Type – Zinc Die Cast

SET SCREW TYPE – ZINC DIE CAST

UL File No. E-19188



BX38

BX38R



Cat. #	Trade Size	Desc.	Cable Opening		Unit Qty.	Wt. Lbs. Per 100
			Max.	Min.		
BX38	3/8"	Oval	0.610	0.469	50	5
BX38R	3/8"	Round	0.600	0.460	50	5

DUPLEX TYPE† – ZINC DIE CAST

UL File No. E-19188



Cat. #	Trade Size	Dia. of Opening for Cable	Dia. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
2699*	3/8"	5/8"	3/16"	25	13

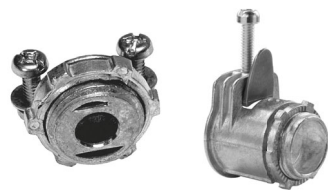
†UL Listed as grounding means.

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).

MCAP™ is a registered trademark of Southwire Company.

SET SCREW TYPE – ZINC DIE CAST

UL File Nos. E-19188, E-19189



ACMF38

ACB38DC



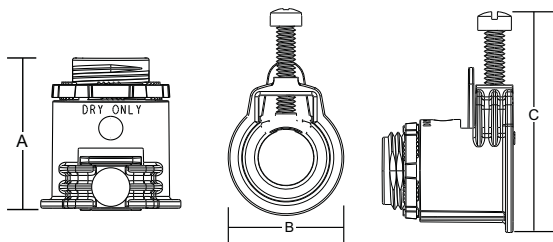
Cat. #	Trade Size	Cable Opening		Unit Qty.	Wt. Lbs. Per 100
		Max.	Min.		
ACMF38	3/8"	0.610	0.469	100	25
ACB38DC*	3/8"	0.610	0.469	50	9
ACB50DC*	1/2"	0.610	0.469	25	10
ACB75DC	3/4"	0.986†	0.819†	20	13
ACB100DC	1"	1.130†	1.130†	10	17

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).

MCAP™ is a registered trademark of Southwire Company.

†Tested with AC cable only.

Dimensions (in Inches):



Cat. #	A	B	C
ACB38DC	0.969	1.094	1.828
ACB50DC	1.377	1.299	2.322
ACB75DC	1.464	1.476	2.559
ACB100DC	1.699	1.759	3.267

AC/MC Fittings

AC/MC Fittings

Clamp Type – Malleable Iron

CLAMP TYPE 45° ANGLE – MALLEABLE IRON

Features:

- Male hub threads – NPSM

Standard Materials:

- Body – malleable iron
- Locknut – steel
- Covers – stamped steel

Standard Finish:

- Zinc plated

Clamp Type 45° Angle – Non-insulated

UL File No. E-19188 or E-19189

Clamp Type 45° Angle – Insulated

UL File No. E-19188 or E-19189



Cat. #	Trade Size	Dia. of Opening for Cable	Dia. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
1723	3/8"	21/32"	17/32"	50	14
1735	1/2"	15/16"	9/16"	25	17
1737	3/4"	1 1/8"	25/32"	25	24

AC/MC Fittings



Cat. #	Trade Size	Dia. of Opening for Cable	Dia. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
723	3/8"	21/32"	17/32"	50	14
		For 2 conductor Nos. 14, 12, 10 3 conductor Nos. 14, 12, 10 4 conductor Nos. 14, 12 Flexible metallic conduit 5/16" and 3/8"			
735	1/2"	15/16"	9/16"	25	18
		For 2 conductor No. 8 Flexible metallic conduit 1/2"			
737	3/4"	1 1/8"	25/32"	25	24
		For 2 conductor Nos. 6, 4 3 conductor Nos. 6, 4 Flexible metallic conduit 3/4"			

AC/MC Fittings

Combination Couplings – Steel

ACC SERIES COMBINATION COUPLINGS – STEEL

Applications:

- ACC Combination Couplings are used to join EMT conduit to armoured cable, metal-clad cable or flexible metallic conduit

Features:

- Dual gripping saddle design on the coupling safely secures cable or conduit in place and prevents loosening from vibration
- Steel compression ring and nut provide a strong, secure termination point for EMT conduit
- Tri-head set screw may be installed using a slotted, Phillips or Robertson head screwdriver
- Steel combination coupling is zinc electroplated for corrosion resistance

Certifications and Compliances:

- UL Listed
- cUL Listed

Standard Materials and Finishes:

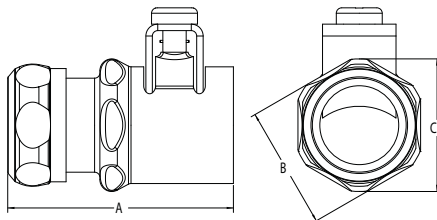
- Body – steel, zinc electroplated
- Saddle – steel, zinc electroplated
- Screw – steel, zinc electroplated

Compression Couplings AC/MC, FMC to EMT



Cat. #	Trade Size	Cable Opening		Unit Qty.	Wt. Lbs. Per 100
		Max.	Min.		
ACC38	$\frac{3}{8}'' - \frac{1}{2}''$	0.660	0.400	25	10
ACC50	$\frac{1}{2}'' - \frac{1}{2}''$	0.920	0.520	10	13
ACC75	$\frac{3}{4}'' - \frac{3}{4}''$	1.100	0.680	10	16

Dimensions (in Inches):



Cat. #	A	B	C
ACC38	1.65	1.05	1.13
ACC50	2.09	1.14	1.23
ACC75	2.15	1.30	1.39

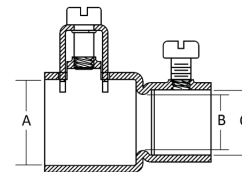
Set Screw Couplings



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
ACCSS38*	$\frac{3}{8}'' - \frac{1}{2}''$	25	9
ACCSS50	$\frac{1}{2}'' - \frac{1}{2}''$	10	12
ACCSS75	$\frac{3}{4}'' - \frac{3}{4}''$	10	14

*Not UL Listed.

Dimensions (in Inches):



Cat. #	A		B		C	
	Min.	Max.	Min.	Max.	Min.	Max.
ACCSS38	0.615	0.645	N/A	N/A	0.712	0.730
ACCSS50	0.925	0.955	0.560	0.620	0.712	0.730
ACCSS75	1.110	1.140	0.742	0.813	0.930	0.942

AC/MC Fittings

AC/MC Fittings

Clamps, Bushings & Grommets

CLAMPS – STEEL

Light Gauge



Cat. #	Conduit Size	Size of Strap Inside	Unit Qty.	Wt. Lbs. Per 100
566	1/4"	0.540	500	2
567BX	3/8"	0.675	100	14

ANTI-SHORT BUSHINGS

Applications:

- Protects the sheathing on conductors from sharp edges within MC, AC and FMC cable
- Easily installed
- For use indoors
- UL Listed

Temperature rating: 90°C



Cat. #	Trade Size	Armoured Cable Size	Unit Qty.
ASB 0	5/16"	14-2, 14-3, 12-2	100
ASB 1	3/8"	14-4, 12-3, 6-1, 4-1	100
ASB 2	7/16"	12-4, 10-2, 10-3, 2-1	50
ASB 3	1/2"	10-4, 8-2, 8-3, 1-1	50
ASB 4	3/4"	8-4, 6-4, 6-3, 6-2, 4-3, 4-2	50
ASB 5	1"	3-1, 2-1, 2 - 1/0, 1 - 300MCM, 1 - 350MCM, 1 - 400MCM, 1 - 450MCM, 1 - 500MCM	25
ASB 6	1 1/4"	4-1, 4 - 1/0, 4 - 2/0, 3 - 1/0, 3 - 2/0, 3 - 3/0, 2 - 2/0, 2 - 3/0, 2 - 4/0, 1 - 600MCM, 1 - 650MCM, 1 - 700MCM, 1 - 750MCM, 1 - 800MCM, 1 - 900MCM	10
ASB 7	1 1/2"	4 - 3/0, 4 - 4/0, 3 - 4/0, 3 - 250MCM, 3 - 300MCM, 2 - 250MCM, 2 - 300MCM, 2 - 350MCM, 1 - 1000MCM	10
ASB 8	2" to 2 1/2"	4 - 250MCM, 4 - 300MCM, 4 - 350MCM, 4 - 400MCM, 4 - 450MCM, 4 - 500MCM, 3 - 350MCM, 3 - 400MCM, 3 - 450MCM, 3 - 500MCM, 2 - 400MCM, 2 - 450MCM, 2 - 500MCM	10

Note: Bushings are packed in clear poly bags.

METAL STUD GROMMETS – UNIVERSAL

Applications:

- Intended to snap into metal studs to protect wire insulation from sharp edges of metal studs, providing 360° protection

Features:

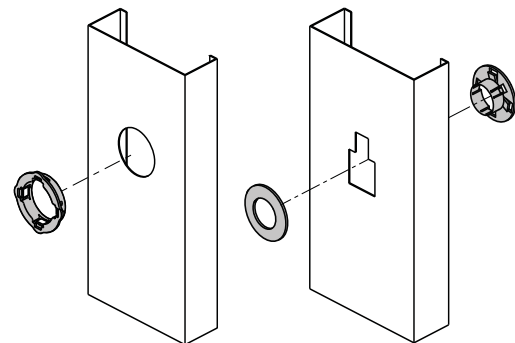
- Makes pulling smooth and easy by preventing hang-ups of cable on raw metal
- Triple lock design holds bushing securely
- Universal grommet shipped as one piece and separates easily for installation
- Fits hold diameters between 1 3/8" and 1 11/16" (34.9mm to 42.9mm)
- Maximum temperature rating: 115°C (239°F)

Instructions:

1. Front and back pieces pull apart.
2. Snap the front bushing into stud hole.
3. Lock securely onto stud by attaching flat blank bushing.



Cat. #	Description	Size	Unit Qty.	Weight (Lbs.)
MSG1	Package of 100	1 3/8" - 1 11/16"	100	1.5
MSG1BULK	Bulk Package	1 3/8" - 1 11/16"	1000	15.5



Flexible Metallic Conduit Fittings

ACB Series

ACB SERIES – STEEL & MALLEABLE IRON

Applications:

- ACB Series Connectors are used to connect armoured cable, metal-clad cable or flexible metallic conduit to a box or enclosure

Features:

- Dual gripping saddle design on the connector safely secures cable or conduit in place and prevents loosening from vibration
- Insulated throat provides a smooth pulling surface that won't strip cable
- Angled teeth on locknut bite into enclosure, preventing loosening from vibration
- Tri-head set screw may be installed using a slotted, Phillips or Robertson head screwdriver
- Steel connector is zinc electroplated for corrosion resistance

Listed for use with:

- Flexible Metal Conduit (RWFMC): $\frac{3}{8}$ " - 4"
- Armoured cable (AC): $\frac{3}{8}$ " - 1 $\frac{1}{4}$ "
- MC cable (MC): $\frac{3}{8}$ " - 3"
- MCI-A cable (MCI-A): $\frac{3}{8}$ " - 1 $\frac{1}{4}$ "

Certifications and Compliances:

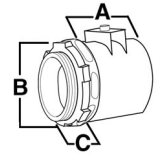
- UL Listed
- cUL Listed
- UL File No. E-19188

Standard Materials and Finishes:

- Body – straight: steel, zinc electroplated
- Body – 45° and 90°: malleable, zinc electroplated
- Saddle – steel, zinc electroplated
- Screw – steel, zinc electroplated
- Insulated throat – thermoplastic, natural

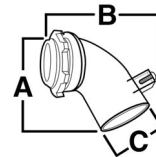


Straight Connectors



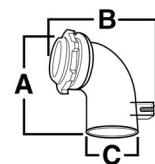
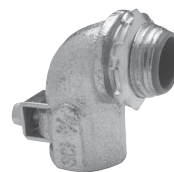
Cat. #	Trade Size	Cable Opening		Unit Qty.	Dimensions		
		Max.	Min.		A	B	C
ACB38	$\frac{3}{8}$ "	0.660	0.400	50	1 $\frac{1}{16}$ "	1 $\frac{1}{4}$ "	$\frac{1}{2}$ "
ACB50	$\frac{1}{2}$ "	0.920	0.520	25	1 $\frac{3}{8}$ "	1 $\frac{1}{2}$ "	$\frac{7}{16}$ "
ACB75	$\frac{3}{4}$ "	1.110	0.680	10	1 $\frac{7}{8}$ "	1 $\frac{7}{8}$ "	$\frac{7}{16}$ "
ACB100	1"	1.380	0.880	5	1 $\frac{9}{16}$ "	1 $\frac{13}{16}$ "	$\frac{1}{2}$ "
ACB125	1 $\frac{1}{4}$ "	1.635	1.150	5	2 $\frac{3}{16}$ "	2 $\frac{1}{2}$ "	$\frac{3}{8}$ "
ACB150	1 $\frac{1}{2}$ "	1.950	1.490	5	2 $\frac{7}{16}$ "	2 $\frac{1}{2}$ "	$\frac{5}{8}$ "
ACB200	2"	2.450	1.765	1	2 $\frac{9}{16}$ "	3"	$\frac{5}{8}$ "
ACB250	2 $\frac{1}{2}$ "	3.060	2.270	1	2 $\frac{11}{16}$ "	3 $\frac{5}{8}$ "	1 $\frac{3}{16}$ "
ACB300	3"	3.560	3.160	1	2 $\frac{13}{16}$ "	4 $\frac{1}{4}$ "	1 $\frac{5}{16}$ "
ACB350	3 $\frac{1}{2}$ "	4.060	3.860	1	2 $\frac{15}{16}$ "	3 $\frac{3}{4}$ "	1"
ACB400	4"	4.560	4.360	1	3"	5 $\frac{1}{16}$ "	1 $\frac{1}{16}$ "

45° Connectors



Cat. #	Trade Size	Cable Opening		Unit Qty.	Dimensions		
		Max.	Min.		A	B	C
ACB3845	$\frac{3}{8}$ "	0.660	0.400	50	1 $\frac{13}{16}$ "	1 $\frac{13}{16}$ "	1 $\frac{5}{16}$ "
ACB5045	$\frac{1}{2}$ "	0.920	0.520	25	2 $\frac{1}{8}$ "	2 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "
ACB7545	$\frac{3}{4}$ "	1.110	0.680	10	2 $\frac{3}{8}$ "	2 $\frac{3}{8}$ "	1 $\frac{1}{16}$ "

90° Connectors



Cat. #	Trade Size	Cable Opening		Unit Qty.	Dimensions		
		Max.	Min.		A	B	C
ACB3890	$\frac{3}{8}$ "	0.660	0.400	50	1 $\frac{3}{4}$ "	2 $\frac{1}{16}$ "	1"
ACB5090	$\frac{1}{2}$ "	0.920	0.520	25	2 $\frac{1}{8}$ "	2 $\frac{1}{4}$ "	1 $\frac{1}{4}$ "
ACB7590	$\frac{3}{4}$ "	1.110	0.680	10	2 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "	1 $\frac{3}{8}$ "
ACB10090	1"	1.380	0.880	5	2 $\frac{3}{16}$ "	2 $\frac{7}{8}$ "	1 $\frac{1}{16}$ "

FMC Fittings

Flexible Metallic Conduit Fittings

Space-Saver ACB Series Quick-Lok™ Connectors

SPACE-SAVER ACB SERIES – STEEL

Applications:



- Used to join FMC conduit to a box or enclosure

Features:

- Male threads on locknut allow for more room inside the box
- Smooth pulling surface eliminates the need for insulated throat fittings and/or plastic bushings
- Angled teeth on locknut bite into enclosure, preventing loosening from vibration
- Dual gripping saddle design on the fitting safely secures cable or conduit in place and prevents loosening from vibration
- Tri-head set screw may be installed using a slotted, Phillips or Robertson head screwdriver
- Steel fitting is zinc electroplated for added corrosion resistance
- Suitable for use with steel or aluminum cables
- Dry locations



Certifications and Compliances:

- UL and cUL Listed, File No. E-19188  
- UL Standard 514B
- Certified by UL to CSA Standard C22.2 No. 18

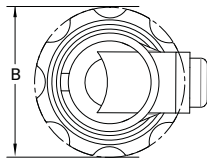
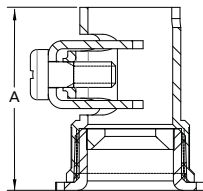
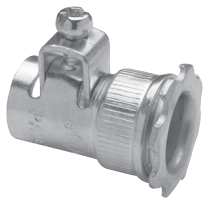
Standard Material:

- Body and nut – steel

Standard Finish:

- Steel – zinc electroplate

UL File No. E-19188



Cat. #	Trade Size	KO Size	Cable Dia. Range		Unit Qty.	Wt. Lbs. Per 100	A	B	C
			Max.	Min.					
SSACB38*	3/8"	1/2"	0.660	0.400	50	9	1.36	1.14	1.31
SSACB50*	1/2"	1/2"	0.920	0.520	25	12	1.39	1.14	1.57
SSACB75	3/4"	3/4"	1.110	0.680	20	14	1.46	1.36	1.71
SSACB100	1"	1"	1.375	0.930	5	30	N/A	N/A	N/A

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).
MCAP™ is a registered trademark of Southwire Company.

QUICK-LOK™ CONNECTORS – STEEL

Features:

- No locknut required
- Single unit or duplex construction with captive clamp
- Connects 50 MC, AC and flex RW cable sizes with just three fittings
- Easy to install: tilt, insert and snap down
- Single unit construction eliminates loose component parts; integral green plastic insulated throat bushing provides maximum protection for wire installation

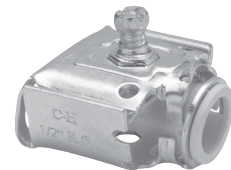
Standard Material:

- Tubular steel

Standard Finish:

- Zinc plated

UL File No. E-19188



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
QLK50S*	1/2" single	50 For 14/4 to 10 /3 For 3/8" FMC	8
QLK50D*	1/2" duplex	25 For 14/4 to 10/3	10
QLK75*	3/4"	25 For 10/3 to 6/3 For 3/8" and 1/2" FMC	14

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).
MCAP™ is a registered trademark of Southwire Company.

Flexible Metallic Conduit Fittings

Quick-Lok™ Pro Connectors – Zinc Die Cast & Steel

QUICK-LOK™ PRO CONNECTORS – ZINC DIE CAST & STEEL

Applications:

- Quick-Lok™ Pro Connectors are used to connect armoured cable, metal-clad cable, MCI-A cable or flexible metallic conduit to a box or enclosure for dry location applications
- Fits 1/2" knockout

Connectors:

- **Single Connector** – For installation of one cable into a box or enclosure
- **Duplex Connector** – Allows for installation of two cables in a single KO, into box or enclosure
- **90° Connector** – For installation of 90° bend in cable
- **Old Work Connector** – For installing and terminating cable after an old work box has been installed

Features:

- Easy tool-free installation (the single and old work connector can also be removed without tools)
- Integral insulated throat bushing provides protection for wire insulation
- Reusable
- Wide range of styles and configurations to meet customer requirements and preferences
- Single unit construction eliminates loose component parts
- Duplex and 90° connector cover opens wide for easy access and wiring
- For use in dry locations/concrete tight when taped



Certifications and Compliances:

- cULus
- UL File No. E-19188
- Concrete tight when taped

Standard Materials:

- Body – zinc die cast, zinc plated steel
- Cover – zinc plated steel
- Insulator – non-metallic

FMC Fittings

Cat. #	Description	Cable Size			Cable Dia. Range	Outlet Box KO Size	Unit Qty.	Wt. Lbs. Per 100
		AL and Steel AC	AL and Steel MC/MCI-A/HCF*	AL and Steel RWFMC				
38MCQ	3/8" Connector	14/2 to 10/3	14/2 to 10/3	3/8"	0.395" - 0.638"	1/2"	50	6.0
38MCQS	3/8" Connector	14/2 to 10/3	14/2 to 10/3	3/8"	0.395" - 0.638"	1/2"	50	6.0
38MCQBULK	3/8" Connector	14/2 to 10/3	14/2 to 10/3	3/8"	0.395" - 0.638"	1/2"	500	6.0
38MCQD	3/8" Duplex Connector	14/2 to 10/3	14/2 to 10/3	3/8"	0.460" - 0.610"	1/2"	25	11.3
38MCQDBULK	3/8" Duplex Connector	14/2 to 10/3	14/2 to 10/3	3/8"	0.460" - 0.610"	1/2"	250	11.3
38MCQ90	3/8" 90° Connector	14/2 to 10/3	14/2 to 10/4	3/8"	0.469" - 0.610"	1/2"	25	7.5
50MCQ90	1/2" 90° Connector	8/2 to 8/3	8/2 to 8/3	1/2"	0.670" - 0.785"	1/2"	25	11.3
38MCQOW	3/8" Old Work Connector	14/2 to 10/3	14/2 to 10/3	-	0.395" - 0.638"	1/2"	50	6.0

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™). MCAP™ is a registered trademark of Southwire Company.

Flexible Metallic Conduit Fittings

Squeeze Type – Malleable Iron

SQUEEZE TYPE – MALLEABLE IRON

Applications:

- Used to squeeze and secure AC/MC cable to a box or enclosure

Features:

- High strength malleable iron
- 105°C temperature rating
- Used with armoured cable and flexible metal conduit
- Male threads – NPSM

Standard Materials:

- Malleable iron
- Steel locknut

Standard Finish:

- Zinc plated

Squeeze Type* – Straight – Non-insulated

UL File No. E-19189



Cat. #	Trade Size	Dia. of Opening for Cable	Dia. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
707†§	3/8"	5/8"	3/8"	100	7
708†§	1/2"	15/16"	5/8"	50	14
709	3/4"	1 1/8"	3/4"	20	22
710	1"	1 3/8"	1"	20	31
711	1 1/4"	1 7/16"	1 1/16"	10	46
712	1 1/2"	1 7/8"	1 1/2"	5	79
713	2"	2 1/2"	2"	2	101
714	2 1/2"	2 7/8"	2 3/8"	2	161
715	3"	3 9/16"	3"	1	220
721	3 1/2"	4"	2 13/32"	1	470
722	4"	4 19/32"	3 31/32"	1	610

*UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class I, Division 2, NEC 501-4(b).
 †Suitable for use with armoured cable.
 ‡Suitable for use with metal-clad cable.
 §UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).
 MCAP™ is a registered trademark of Southwire Company.

Squeeze Type – Straight – Insulated*

UL File No. E-19189



Cat. #	Trade Size	Dia. of Opening for Cable	Dia. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
1707†§	3/8"	5/8"	3/8"	100	8
1708†§	1/2"	1 5/16"	5/8"	50	14
1709	3/4"	1 1/8"	3/4"	20	17
1710	1"	1 3/8"	1"	20	26
1711	1 1/4"	1 7/16"	1 1/16"	10	42
1712	1 1/2"	1 7/8"	1 1/2"	5	77
1713	2"	2 1/2"	2"	2	100
1714	2 1/2"	2 7/8"	2 3/8"	2	160
1715	3"	3 9/16"	3"	1	221
1721	3 1/2"	4"	3 13/32"	1	470
1722	4"	4 19/32"	3 31/32"	1	610

*UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class I, Division 2, NEC 501-4(b).
 †Suitable for use with armoured cable.
 ‡Suitable for use with metal-clad cable.
 §UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).
 MCAP™ is a registered trademark of Southwire Company.

Flexible Metallic Conduit Fittings

Squeeze Type – Zinc Die Cast

SQUEEZE TYPE – ZINC DIE CAST

Applications:

- Used to squeeze and secure AC/MC cable to a box or enclosure

Features:

- Zinc connectors assembled with die cast locknuts and zinc plated screws
- 105°C temperature rating
- Used with armoured cable and flexible metal conduit
- Male threads – NPSM

Standard Materials:

- Zinc die cast
- Zinc die cast locknut

Standard Finish:

- Natural

Squeeze Type* – Straight – Non-insulated

UL File No. E-19189

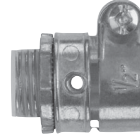


Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
707DC	3/8"	50	6
708DC	1/2"	25	8
709DC	3/4"	25	11
710DC	1"	10	16
711DC	1 1/4"	10	21
712DC	1 1/2"	5	28
713DC	2"	4	36
714DC	2 1/2"	2	85
715DC	3"	1	109
721DC	3 1/2"	1	144
722DC	4"	1	183

*UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class I, Division 2, NEC 501-4(b).

Squeeze Type* – Straight – Insulated

UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
1707DC	3/8"	50	6
1708DC	1/2"	25	8
1709DC	3/4"	25	11
1710DC	1"	10	16
1711DC	1 1/4"	10	21
1712DC	1 1/2"	5	28
1713DC	2"	4	36
1714DC	2 1/2"	2	85
1715DC	3"	1	109
1721DC	3 1/2"	1	144
1722DC	4"	1	183

*UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class I, Division 2, NEC 501-4(b).

FMC Fittings

Flexible Metallic Conduit Fittings

Squeeze Type – Zinc Die Cast

SQUEEZE TYPE – ZINC DIE CAST

Applications:

- Used to squeeze and secure AC/MC cable to a box or enclosure

Features:

- Zinc connectors assembled with die cast locknuts and zinc plated screws
- 105°C temperature rating
- Used with armoured cable and flexible metal conduit
- Male threads – NPSM

Standard Materials:

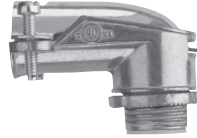
- Zinc die cast
- Zinc die cast locknut

Standard Finish:

- Natural

Squeeze Type* 90° Angle – Insulated

UL File No. 19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
1724DC	3/8"	50	8
1736DC	1/2"	25	11
1738DC	3/4"	10	15
1739DC	1"	5	25
1740DC	1 1/4"	10	41
1741DC	1 1/2"	1	117
1742DC	2"	1	119
1744DC	2 1/2"	1	286
1745DC	3"	1	405
1746DC	3 1/2"	1	560
1747DC	4"	1	642

*UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class I, Division 2, NEC 501-4(b).

Squeeze Type* 90° Angle – Non-insulated

UL File No. 19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
724DC	3/8"	50	8
736DC	1/2"	25	11
738DC§	3/4"	10	15
739DC	1"	5	25
740DC	1 1/4"	10	41
741DC	1 1/2"	1	117
742DC	2"	1	119
744DC	2 1/2"	1	286
745DC	3"	1	405
746DC	3 1/2"	1	560
747DC	4"	1	642

*UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class I, Division 2, NEC 501-4(b).

§UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).

MCAP™ is a registered trademark of Southwire Company.

Flexible Metallic Conduit Fittings

Clamp Type – Malleable Iron

CLAMP TYPE 45° ANGLE – MALLEABLE IRON

Applications:

- Used to clamp and secure AC/MC cable to a box or enclosure

Features:

- High strength malleable iron
- 105°C temperature rating
- Used with armoured cable and flexible metal conduit
- Male hub threads – NPSM

Standard Materials:

- Malleable iron
- Steel locknut
- Stamped steel covers

Standard Finish:

- Zinc plated

Clamp Type 45° Angle – Non-insulated

UL File No. E-19188 or E-19189



Cat. #	Trade Size	Dia. of Opening for Cable	Dia. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100	
723*	$\frac{3}{8}$ "	$\frac{21}{32}$ "	$\frac{17}{32}$ "	50	14	
		For 2 conductor Nos. 14, 12, 10 3 conductor Nos. 14, 12, 10 4 conductor Nos. 14, 12 Flexible metallic conduit $\frac{5}{16}$ " and $\frac{3}{8}$ "				
735	$\frac{1}{2}$ "	$\frac{15}{16}$ "	$\frac{9}{16}$ "	25	18	
		For 2 conductor No. 8 Flexible metallic conduit $\frac{1}{2}$ "				
737*	$\frac{3}{4}$ "	$1\frac{1}{8}$ "	$\frac{25}{32}$ "	25	24	
		For 2 conductor Nos. 6, 4 3 conductor Nos. 6, 4 Flexible metallic conduit $\frac{3}{4}$ "				

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™)
MCAP™ is a registered trademark of Southwire Company.

Clamp Type 45° Angle – Insulated

UL File No. E-19188 or E-19189



Cat. #	Trade Size	Dia. of Opening for Cable	Dia. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
1723*	$\frac{3}{8}$ "	$\frac{21}{32}$ "	$\frac{17}{32}$ "	50	14
1735	$\frac{1}{2}$ "	$\frac{15}{16}$ "	$\frac{9}{16}$ "	25	17
1737*	$\frac{3}{4}$ "	$1\frac{1}{8}$ "	$\frac{25}{32}$ "	25	24

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).
MCAP™ is a registered trademark of Southwire Company.

Flexible Metallic Conduit Fittings

Clamp Type – Malleable Iron

CLAMP TYPE 90° ANGLE – MALLEABLE IRON

Applications:

- Used to clamp and secure AC/MC cable to a box or enclosure

Features:

- High strength malleable iron
- 105°C temperature rating
- Used with armoured cable and flexible metal conduit
- Male hub threads – NPSM

Standard Materials:

- Malleable iron
- Steel locknut
- Stamped steel covers

Standard Finish:

- Zinc plated

Clamp Type 90° Angle – Insulated

UL File No. E-19188 or E-19189



Cat. #	Trade Size	Dia. of Opening for Cable	Dia. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
1736†	1/2"	15/16"	9/16"	25	19
1738†*	3/4"	1 1/8"	13/16"	20	31
1739	1"	1 13/32"	1"	5	50
1740	1 1/4"	1 21/32"	1 1/4"	2	113
1741	1 1/2"	1 7/8"	1 1/2"	1	188
1742	2"	2 1/2"	1 15/16"	1	236
1744	2 1/2"	3"	2 1/2"	1	400
1745	3"	3 1/2"	3"	1	600
1746	3 1/2"	4"	3 13/32"	1	1150
1747	4"	4 19/32"	3 31/32"	1	1460

†Suitable for use with armoured cable.

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).

MCAP™ is a registered trademark of Southwire Company.

Clamp Type* 90° Angle – Non-insulated

UL File No. E-19188 or E-19189



Cat. #	Trade Size	Dia. of Opening for Cable	Dia. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
724†§	3/8"	2 1/32"	1 7/32"	50	15
For 2 conductor Nos. 14, 12, 10 3 conductor Nos. 14, 12, 10 4 conductor Nos. 14, 12 Flexible metallic conduit 5/16" and 3/8"					
736†	1/2"	15/16"	9/16"	25	19
738†§	3/4"	1 1/8"	13/16"	20	31
739	1"	1 13/32"	1"	5	50
740	1 1/4"	1 21/32"	1 1/4"	2	113
741	1 1/2"	1 7/8"	1 1/2"	1	188
742	2"	2 1/2"	1 15/16"	1	236
744	2 1/2"	3"	2 1/2"	1	400
745	3"	3 1/2"	3"	1	600
746	3 1/2"	4"	3 13/32"	1	1150
747	4"	4 19/32"	3 31/32"	1	1460

*UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class I, Division 2, NEC 501-4(b).

†Suitable for use with armoured cable.

§UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).

MCAP™ is a registered trademark of Southwire Company.

Flexible Metallic Conduit Fittings

Set Screw & Duplex Type – Malleable Iron

Applications:

- Used to clamp and secure AC/MC cable to a box or enclosure

Features:

- High strength malleable iron
- Used with armoured cable and flexible metal conduit

Standard Materials:

- Malleable iron
- Steel locknut
- Stamped steel cover (Duplex Type only)

Standard Finish:

- Zinc plated

SET SCREW TYPE – MALLEABLE IRON

UL File No. E-19188



Cat. #	Trade Size	Dia. of Opening for Cable	Dia. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
702V§	3/8"	5/8"	7/16"	100	7
For 2 conductor Nos. 14, 12					
3 conductor Nos. 14, 12					
4 conductor No. 14, 5/16" flex					

§UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).
MCAP™ is a registered trademark of Southwire Company.

DUPLEX TYPE – MALLEABLE IRON

UL File No. E-19188



Cat. #	Trade Size	Dia. of Opening for Cable	Dia. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
Straight					
699*§	3/8"	5/8"	3/16"	25	20
90 Degree					
700*§	3/8"	5/8"	3/16"	25	14

*UL Listed as grounding means.

§UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).

MCAP™ is a registered trademark of Southwire Company.

Flexible Metallic Conduit Fittings

Set Screw & Duplex Type – Zinc Die Cast

SET SCREW TYPE – ZINC DIE CAST

UL File No. E-19188



Cat. #	Trade Size	Desc.	Cable Opening		Unit Qty.	Wt. Lbs. Per 100
			Max.	Min.		
BX38R	3/8"	Round	0.600	0.460	50	5

SET SCREW TYPE – ZINC DIE CAST

UL File No. E-19188



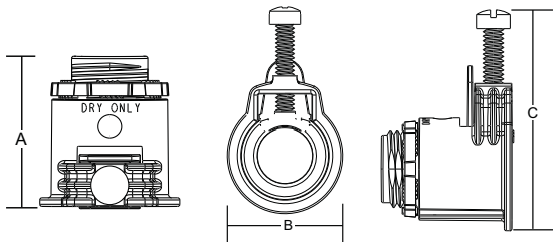
Cat. #	Trade Size	Cable Opening		Unit Qty.	Wt. Lbs. Per 100
		Max.	Min.		
ACB38DC*	3/8"	0.610	0.469	50	9
ACB50DC*	1/2"	0.610	0.469	25	10
ACB75DC	3/4"	0.986†	0.819†	20	13
ACB100DC	1"	1.130†	1.130†	10	17

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).

MCAP™ is a registered trademark of Southwire Company.

†Tested with AC cable only.

Dimensions (in Inches):



Cat. #	A	B	C
ACB38DC	0.969	1.094	1.828
ACB50DC	1.377	1.299	2.322
ACB75DC	1.464	1.476	2.559
ACB100DC	1.699	1.759	3.267

DUPLEX TYPE – ZINC DIE CAST

UL File No. E-19188



Cat. #	Trade Size	Dia. of Opening for Cable	Dia. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
2699*	3/8"	5/8"	9/16"	25	13

*UL Listed as grounding means.

SET SCREW FLEX CONNECTOR – ZINC DIE CAST

Angled Set Screw

UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
702DC	1/2"	25	23
703DC	3/4"	25	35

FMC Fittings

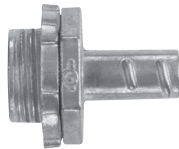
Flexible Metallic Conduit Fittings

Screw-in Type – Zinc Die Cast

SCREW-IN TYPE – ZINC DIE CAST

Straight Connectors – Insulated

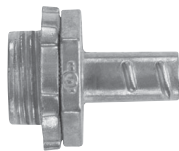
UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
1770DC	3/8"	80	5
1771DC	1/2"	60	5
1772DC	3/4"	35	9
1773DC	1"	15	13
1774DC	1 1/4"	10	24
1775DC	1 1/2"	6	35
1776DC	2"	3	52

Straight Connectors – Non-insulated

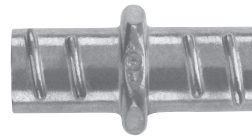
UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
770DC	3/8"	80	5
771DC	1/2"	60	5
772DC	3/4"	35	9
773DC	1"	15	13
774DC	1 1/4"	10	24
775DC	1 1/2"	6	35
776DC	2"	3	52

Couplings

UL File No. 19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
791DC	1/2"	40	4
792DC	3/4"	25	8
793DC	1"	15	12
794DC	1 1/4"	10	21
795DC	1 1/2"	6	31
796DC	2"	3	44

FMC Fittings

Flexible Metallic Conduit Fittings

Combination Couplings

ACC SERIES COMBINATION COUPLINGS – STEEL

Applications:

- ACC Combination Couplings are used to join EMT conduit to armoured cable, metal-clad cable or flexible metallic conduit

Features:

- Dual gripping saddle design on the coupling safely secures cable or conduit in place and prevents loosening from vibration
- Steel compression ring and nut provide a strong, secure termination point for EMT conduit
- Tri-head set screw may be installed using a slotted, Phillips or Robertson head screwdriver
- Steel combination coupling is zinc electroplated for corrosion resistance

Certifications and Compliances:

- UL Listed
- cUL Listed

Standard Materials and Finishes:

- Body – steel, zinc electroplated
- Saddle – steel, zinc electroplated
- Screw – steel, zinc electroplated

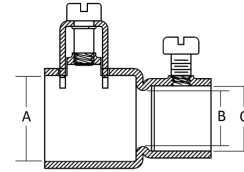
Set Screw Couplings



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
ACCSS38*	3/8" - 1/2"	25	9
ACCSS50	1/2" - 3/4"	10	12
ACCSS75	3/4" - 1"	10	14

*Not UL Listed.

Dimensions (in Inches):



Cat. #	A		B		C	
	Min.	Max.	Min.	Max.	Min.	Max.
ACCSS38	0.615	0.645	N/A	N/A	0.712	0.730
ACCSS50	0.925	0.955	0.560	0.620	0.712	0.730
ACCSS75	1.110	1.140	0.742	0.813	0.930	0.942

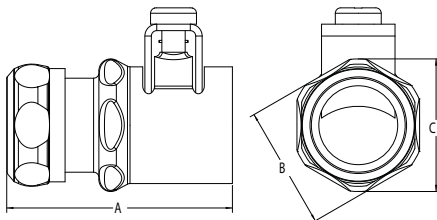
FMC Fittings

Compression Couplings AC/MC, FMC to EMT



Cat. #	Trade Size	Cable Opening		Unit Qty.	Wt. Lbs. Per 100
		Max.	Min.		
ACC38	3/8" - 1/2"	0.660	0.400	25	10
ACC50	1/2" - 3/4"	0.920	0.520	10	13
ACC75	3/4" - 1"	1.100	0.680	10	16

Dimensions (in Inches):



Cat. #	A	B	C
ACC38	1.65	1.05	1.13
ACC50	2.09	1.14	1.23
ACC75	2.15	1.30	1.39

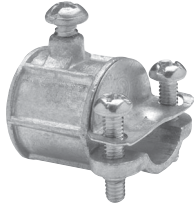
Flexible Metallic Conduit Fittings

Combination Couplings

COMBINATION COUPLINGS – ZINC DIE CAST

EMT (Set Screw) to Flexible Steel (Clamp)*

UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
780DC	$\frac{1}{2}$ " to $\frac{3}{8}$ "	50	8

*UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class I, Division 2, NEC 501-4(b).

SCREW-IN TYPE COMPRESSION COMBINATION COUPLINGS – ZINC DIE CAST

UL File No. E-19189

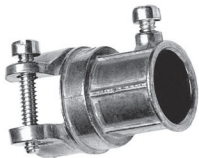


Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
FECC50DC	$\frac{1}{2}$ "	50	41
FECC75DC	$\frac{3}{4}$ "	25	31
FECC100DC	1"	25	46

SET SCREW SQUEEZE TYPE COMBINATION COUPLINGS – ZINC DIE CAST

Set Screw Squeeze Type

UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
FECS38DC	$\frac{1}{2}$ " to $\frac{3}{8}$ "	50	34
FECS50DC	$\frac{1}{2}$ " to $\frac{1}{2}$ "	25	22
FECS75DC	$\frac{3}{4}$ " to $\frac{3}{4}$ "	25	36

FMC Fittings

Flexible Metallic Conduit Fittings

Clamps, Bushings & Grommets

CLAMPS – STEEL

Light Gauge



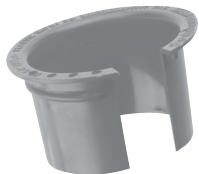
Cat. #	Trade Size	Size of Strap Inside	Unit Qty.	Wt. Lbs. Per 100
566	1/4"	0.540	500	2
567BX	3/8"	0.675	100	14

ANTI-SHORT BUSHINGS

Applications:

- Protects the sheathing on conductors from sharp edges within MC, AC and FMC cable
- Easily installed
- For use indoors
- UL Listed

Temperature rating: 90°C



Cat. #	Trade Size	Armoured Cable Size	Unit Qty.
ASB 0	5/16"	14-2, 14-3, 12-2	100
ASB 1	3/8"	14-4, 12-3, 6-1, 4-1	100
ASB 2	7/16"	12-4, 10-2, 10-3, 2-1	50
ASB 3	1/2"	10-4, 8-2, 8-3, 1-1	50
ASB 4	3/4"	8-4, 6-4, 6-3, 6-2, 4-3, 4-2	50
ASB 5	1"	3-1, 2-1, 2 - 1/0, 1 - 300MCM, 1 - 350MCM, 1 - 400MCM, 1 - 450MCM, 1 - 500MCM	25
ASB 6	1 1/4"	4-1, 4 - 1/0, 4 - 2/0, 3 - 1/0, 3 - 2/0, 3 - 3/0, 2 - 2/0, 2 - 3/0, 2 - 4/0, 1 - 600MCM, 1 - 650MCM, 1 - 700MCM, 1 - 750MCM, 1 - 800MCM, 1 - 900MCM	10
ASB 7	1 1/2"	4 - 3/0, 4 - 4/0, 3 - 4/0, 3 - 250MCM, 3 - 300MCM, 2 - 250MCM, 2 - 300MCM, 2 - 350MCM, 1 - 1000MCM	10
ASB 8	2" to 2 1/2"	4 - 250MCM, 4 - 300MCM, 4 - 350MCM, 4 - 400MCM, 4 - 450MCM, 4 - 500MCM, 3 - 350MCM, 3 - 400MCM, 3 - 450MCM, 3 - 500MCM, 2 - 400MCM, 2 - 450MCM, 2 - 500MCM	10

Note: Bushings are packed in clear poly bags.

METAL STUD GROMMETS – UNIVERSAL

Applications:

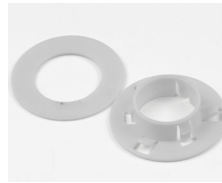
- Intended to snap into metal studs to protect wire insulation from sharp edges of metal studs, providing 360° protection

Features:

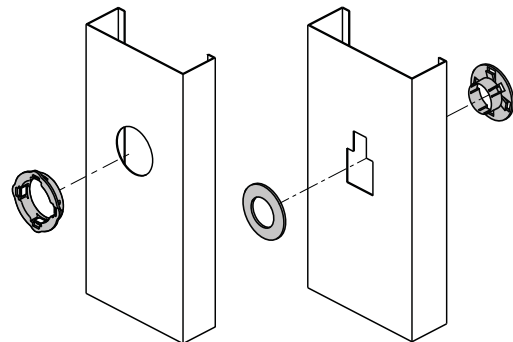
- Makes pulling smooth and easy by preventing hang-ups of cable on raw metal
- Triple lock design holds bushing securely
- Universal grommet shipped as one piece and separates easily for installation
- Fits hold diameters between 1 3/8" and 1 11/16" (34.9mm to 42.9mm)
- Maximum temperature rating: 115°C (239°F)

Instructions:

1. Front and back pieces pull apart.
2. Snap the front bushing into stud hole.
3. Lock securely onto stud by attaching flat blank bushing.



Cat. #	Description	Size	Unit Qty.	Weight (Lbs.)
MSG1	Package of 100	1 3/8" - 1 11/16"	100	1.5
MSG1BULK	Bulk Package	1 3/8" - 1 11/16"	1000	15.5



Non-metallic Sheathed Cable Connectors

Clamp Type

QUICK-LOK™ NMQ SNAP-IN CONNECTOR CLAMP TYPE – ZINC DIE CAST

Features:

- No locknut required
- Easy to install: secure cable with set screw clamp, insert and snap in

UL File No. E-302794



Cat. #	Trade Size	KO Size	Unit Qty.	Wt. Lbs. Per 100
50NMQ	3/8"	1/2" For 2 conductor Nos. 14, 12	100	3
75NMQ	3/4"	3/4" For 2 conductor No. 8 3 conductor No. 10	100	7

CLAMP TYPE – STEEL

UL File No. E-22132



Cat. #	KO Size	Clamp Opening			Unit Qty.	Wt. Lbs. Per 100
		Min.	Max.	Width		
631	3/4"	33/64"	13/16"	13/16"	20	14
						For 2 conductor Nos. 8, 6 3 conductor Nos. 8, 6
632	1"	3/8"	1 1/64"	1 1/64"	10	21
						For 2 conductor Nos. 8, 6 3 conductor Nos. 8, 6

NON-METALLIC CABLE CONNECTOR – PLASTIC

Applications:

- Used to terminate NM sheathed cable to a knockout in a dry location box or enclosure
- For use with one or two cables



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
NMC1	1/2"	100	1
NMC2	3/4"	50	1

CLAMP TYPE – ZINC DIE CAST

UL File No. E-302794, E-22134



Cat. #	Trade Size	KO Size	Unit Qty.	Wt. Lbs. Per 100
759DC	3/8"	1/2" For 2 conductor Nos. 14, 12, 10 3 conductor Nos. 14, 12	100	4
2631	3/4"	3/4" For 3 conductor Nos. 8, 6	50	9
2632	1"	1" For 3 conductor Nos. 6, 4	25	12
2633	1 1/4"	1 1/4" For 3 conductor Nos. 3, 2	10	22
2670	1 1/2"	1 1/2" For 3 conductor No. 2/0	5	25
2671	2"	2" For 3 conductor No. 4/0	10	40

NM Sheathed

Non-metallic Sheathed Cable Connectors

Set Screw Type, Duplex Type & Grommets

SET SCREW TYPE – ZINC DIE CAST

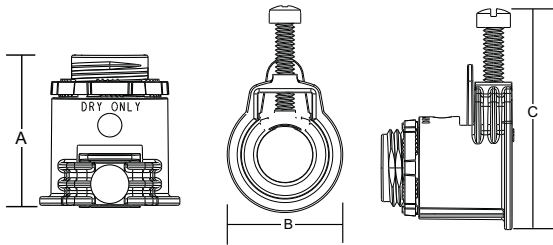
UL File No. E-19188, E-19189



Cat. #	Trade Size	NM Cable Range	Unit Qty.	Wt. Lbs. Per 100
ACB38DC*	3/8"	14/2 - 10/2	50	9
ACB50DC*	1/2"	12/3 - 8/3	25	10
ACB75DC	3/4"	8/3 - 6/3	20	13
ACB100DC	1"	6/3 - 4/3	10	17

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).
MCAP™ is a registered trademark of Southwire Company.

Dimensions (in Inches):



Cat. #	A	B	C
ACB38DC	0.969	1.094	1.828
ACB50DC	1.377	1.299	2.322
ACB75DC	1.464	1.476	2.559
ACB100DC	1.699	1.759	3.267

DUPLEX TYPE – ZINC DIE CAST

UL File No. E-19188



Cat. #	Trade Size	Dia. of Opening for Cable	Dia. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
2699*	3/8"	5/8"	3/16"	25	13

*UL Listed as grounding means.

METAL STUD GROMMETS – UNIVERSAL

Applications:

- Intended to snap into metal studs to protect wire insulation from sharp edges of metal studs, providing 360° protection

Features:

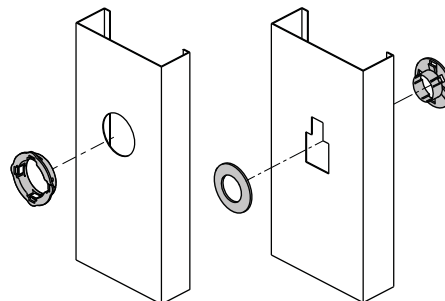
- Makes pulling smooth and easy by preventing hang-ups of cable on raw metal
- Triple lock design holds bushing securely
- Universal grommet shipped as one piece and separates easily for installation
- Fits hold diameters between 1 3/8" and 1 11/16" (34.9mm to 42.9mm)
- Maximum temperature rating: 115°C (239°F)

Instructions:

- Front and back pieces pull apart.
- Snap the front bushing into stud hole.
- Lock securely onto stud by attaching flat blank bushing.



Cat. #	Description	Size	Unit Qty.	Weight (Lbs.)
MSG1	Package of 100	1 3/8" - 1 11/16"	100	1.5
MSG1BULK	Bulk Package	1 3/8" - 1 11/16"	1000	15.5



Service Entrance & Grounding Fittings

Service Entrance Elbows & Connectors

SERVICE ENTRANCE ELBOWS – ALUMINUM

Gasketed

UL File No. E-15022



Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100
SLB1	1/2"	10	50	25
SLB2	3/4"	10	50	30
SLB3	1"	5	25	51
SLB4	1 1/4"	2	10	83
SLB5	1 1/2"	1	5	117
SLB6	2"	1	5	192

SERVICE ENTRANCE CABLE CONNECTORS – MALLEABLE IRON

Non-watertight for Oval Cable

UL File No. E-22134



Cat. #	KO Size	Clamp Opening Width		Wt. Lbs. Per 100
		Min.	Max.	
631	3/4"	33/64"	13/16"	14
			For 2 conductor Nos. 8, 6 3 conductor Nos. 8, 6	
632	1"	3/8"	1 1/64"	21
			For 2 conductor Nos. 8, 6 3 conductor Nos. 8, 6	

SERVICE ENTRANCE CABLE CONNECTORS – ZINC DIE CAST

Non-watertight for Oval Cable

UL File No. E-302794, E-22134



Applications:

- Now listed for use with SE/oval and SER/round cable

Cat. #	KO Size	Clamp Opening			Unit Qty.	Wt. Lbs. Per 100
		Min.	Max.	Width		
2631	3/4"	0.300"	0.075"	0.075"	50	9
2632	1"	0.350"	0.920"	0.920"	25	12
2633	1 1/4"	0.335"	0.960"	0.960"	10	22
2670	1 1/2"	0.350"	1.000"	1.000"	5	25
2671	2"	0.700"	1.300"	1.300"	10	40

SERVICE ENTRANCE CABLE WATERTIGHT CONNECTORS – ZINC DIE CAST

UL File No. E-22134



Applications:

- Service Entrance Cable Watertight Connectors are used for sealing and terminating oval type SE or USE cable to a threaded entry of a watertight box or enclosure



Cat. #	Size	Description	Cable Dia.	Unit Qty.	Wt. Lbs. Per 100
WTC50U	1/2"	USE Cable 12/2	12 - 2	25	24
WTC75U	3/4"	USE Cable 12/3	12 - 3	25	38
WTC1004	1"	SE Cable 3 #4	0.500 - 0.800	10	21
WTC1006	1"	SE Cable 3 #6	0.440 - 0.700	10	21
WTC1008	1"	SE Cable 3 #8	0.400 - 0.630	10	22
WTC1251	1 1/4"	SE Cable 3 #1	0.660 - 1.120	10	38
WTC1252	1 1/4"	SE Cable 3 #2	0.570 - 0.940	5	38
WTC1253	1 1/4"	SE Cable 3 #3	0.510 - 0.850	5	39
WTC1501	1 1/2"	SE Cable 3 #1/0	0.705 - 1.195	5	57
WTC1502	1 1/2"	SE Cable 3 #2/0	0.740 - 1.235	5	57
WTC2001	2"	SE Cable 3 #1/0	0.705 - 1.195	5	88
WTC2002	2"	SE Cable 3 #2/0	0.705 - 1.235	10	93
WTC2003	2"	SE Cable 3 #3/0	0.830 - 1.415	5	87
WTC2004	2"	SE Cable 3 #4/0	0.850 - 1.540	5	85
WTC2004A	2"	SE Cable 3 #4/0	0.850 - 1.540	5	84

Service Entrance/
Groundings

Service Entrance & Grounding Fittings

Straps & Service Entrance Caps

PERFORATED STRAP – STEEL

10 Foot Coils



Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
3000	3/4" x 0.035 Galvanized 1/4" holes – 1/2" to 1" Centers	10	10

SERVICE ENTRANCE STRAPS – STAMPED STEEL ZINC PLATED

Applications:

- Service Entrance Straps are used to fasten SE and USE type cable securely to a wall without damage to the cable jacket or the cable itself



Cat. #	Cable Range	Unit Qty.	Wt. Lbs. Per 100
One Hole			
NM700*	14/2 - 12/2	100	1.00
SE701	8/3 - 4/3	100	1.50
SE702	3/3 - 2/3	100	2.00
SE703	1/3 - 2/0	25	7.25
SE704	3/0 - 4/0	25	8.50
Two Hole			
SE711	8/3 - 4/3	100	2.50
SE712	3/3 - 2/3	100	3.00
SE713	1/3 - 2/0	25	4.00
SE714	3/0 - 4/0	25	4.50

*Designed for #12 AWG 3-wire cable, this type cable is too small and is no longer service entrance cable. It is suitable for use with Romex or Underground Feeder Cable.

SERVICE ENTRANCE CAPS – ALUMINUM DIE CAST

Applications:

- Used in overhead service entrance
- Mounts on top of EMT, rigid or IMC conduit
- Serves as a connecting point for service entrance wires
- Available in clamp type, set screw, threaded and mast type styles



UL File No. E-153721

cUL File No. E-23223



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
Clamp Type			
EHC1	1/2"	15	11
EHC2	3/4"	10	21
EHC3	1"	7	27
EHC4	1 1/4"	5	32
EHC5	1 1/2"	3	53
EHC6	2"	8	89
EHC7	2 1/2"	3	300
EHC8	3"	3	322
EHC9	3 1/2"	2	513
EHC10	4"	2	519
Threaded Type			
EHT1	1/2"	15	19
EHT2	3/4"	10	24
EHT3	1"	7	24
EHT4	1 1/4"	5	28
EHT5	1 1/2"	3	51
EHT6	2"	8	81
EHT7	2 1/2"	3	272
EHT8	3"	3	298
EHT9	3 1/2"	2	538
EHT10	4"	2	541
Set Screw Type			
EHSS1	1/2"	15	15
EHSS2	3/4"	10	18
EHSS3	1"	7	24
EHSS4	1 1/4"	5	28
EHSS5	1 1/2"	3	58
EHSS6	2"	8	86
EHSS7	2 1/2"	3	308
EHSS8	3"	3	308
EHSS9	3 1/2"	2	517
EHSS10	4"	2	517
Mast Type			
EHMT1	1 1/4" - 2"	2	45
EHMT2	1 1/4" - 2"	1	75
EHMT3	1 1/2" - 2 1/2"	2	73
EHMT4	2" - 2 1/2"	1	75

Service Entrance & Grounding Fittings

Grounding Fittings

GROUND CLAMP – ZINC DIE CAST

Applications:

- For bare or insulated wire or armoured grounding cable

UL File No. E-6225



Cat. #	Grounding Conductor Electrode Clamping Range	Lug Conductor Range	Unit Qty.	Wt. Lbs. Per 100
141DC	1/2", 3/4", 1"	#8 - #2	25	16

GROUND CLAMP – BRONZE PLATED

Applications:

- For bare or insulated wire or armoured grounding cable

UL File No. E-6225



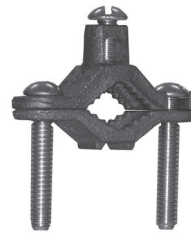
Cat. #	Grounding Conductor Electrode Clamping Range	Lug Conductor Range	Unit Qty.	Wt. Lbs. Per 100
141PDC	1/2", 3/4", 1"	#8 - #2	25	16

GROUND CLAMPS – COPPER ALLOY FOR BARE WIRE

Applications:

- Used to connect bare copper wire to water pipe, re-bar, ground rod or copper water tubing for grounding
- Available with steel or bronze screws (bronze are listed for direct burial)
- Cast from high strength, highly conductive copper alloy

UL File No. E-6225



Cat. #	Grounding Conductor Electrode Clamping Range	Description	Unit Qty.	Wt. Lbs. Per 100
GCS13	1/2" - 1"	Bare Wire	100	12
GCS46	1 1/4" - 2"	Bare Wire	50	30
GCS610	2 1/2" - 4"	Bare Wire	12	74
GCB13	1/2" - 1"	Bronze Screw Direct Burial	100	18

GROUND CLAMPS – COPPER ALLOY FOR ARMOURED CABLE

Applications:

- Used to connect armoured cable to water pipe for grounding
- Special pressure bar grips armoured cable insulation to decrease chances of grounding conductor being pulled out
- Cast from high strength, highly conductive copper alloy

360 Degree Swivel Type

- Pressure bar swings 360 degrees for easy alignment
- Assembled with zinc plated steel screws
- Cast from high strength, highly conductive copper alloy

UL File No. E-6225



Cat. #	Grounding Conductor Electrode Clamping Range	Description	Unit Qty.	Wt. Lbs. Per 100
GCAB13	1/2" - 1"	Bronze Screw Direct Burial	25	24
GCAS13	1/2" - 1"	360 Degree Swivel	25	35

Service Entrance/
Groundings

Service Entrance & Grounding Fittings

Grounding Fittings

GROUND CLAMPS – COPPER ALLOY FOR RIGID CONDUIT

Applications:

- Used to connect grounding conductor in rigid conduit to water pipe for grounding
- Assembled with zinc plated steel screws
- Cast from high strength, highly conductive copper alloy

UL File No. E-6225



GCR13



GCRC13



GCRCS13

Cat. #	Grounding Conductor Electrode Clamping Range	Description	Unit Qty.	Wt. Lbs. Per 100
GCR13	1/2" - 1"	Rigid Clamp	50	26
GCRC13	1/2" - 1"	Regular Hub	50	26
GCRCS13	1/2" - 1"	360 Degree Swivel	50	26

GROUND CLAMP – COPPER ALLOY FOR RIGID OR EMT CONDUIT 360 DEGREE SWIVEL

Applications:

- Used to connect grounding conductor in rigid or EMT conduit to water pipe for grounding
- Pressure bar clamps conduit in place and swings 360 degrees for easy alignment
- Assembled with zinc plated steel screws
- Cast from high strength, highly conductive copper alloy

UL File No. E-6225



Cat. #	Grounding Conductor Electrode Clamping Range	Description	Unit Qty.	Wt. Lbs. Per 100
GCRES13	1/2" - 1"	360 Degree Swivel	50	26

GROUND CLAMPS – COPPER ALLOY FOR DIRECT BURIAL

Applications:

- Available in 1/2", 3/4" and 5/8" trade sizes
- Used to connect a grounding conductor to a driven ground rod
- Approved for direct burial in ground and concrete
- Assembled with bronze hexagon headed bolt
- Cast from high strength, highly conductive copper alloy

UL File No. E-6225



Cat. #	Grounding Conductor Electrode Clamping Range	Description	Unit Qty.	Wt. Lbs. Per 100
GRC1	1/2"	Regular	100	9
GRC58	5/8"	Ground Rod	50	9
GRC2	3/4"	Ground Rod	50	12

Service Entrance & Grounding Fittings

Grounding Fittings

LAY-IN GROUNDING LUGS

Applications:

- Designed for quick and easy installation and are used to bond wires and surfaces in grounding applications

Features:

- Allows for quick and easy installation
- Used to bond wires and surfaces in grounding applications
- Available in either aluminum or copper material to suit customer specification
- Both aluminum and copper lugs are suitable for use with copper or aluminum conductors
- Heavy duty plated slotted or hex head screw for easy installation
- Each lug accepts a range of cable sizes

Certifications and Compliances:

- cULus Listed, File No. E-6225



Standard Materials and Finishes:

- Aluminum lay-in lug – zinc plated
- Copper lay-in lug – natural copper
- Set screw – zinc plated steel



Cat. #	Description	Conductor Range	Unit Qty.	Wt. Lbs. Per 100
LL414SA	Aluminum	#4 - #14	100	1.9
LL108SA	Aluminum	1/0 - #8 AWG	50	6.6
LL306SA	Aluminum	3/0 - #6 AWG	25	16.4
LL414C	Copper	#4 - #14 AWG	100	4.4
LL108C	Copper	1/0 - #8 AWG	50	15.9
LL306C	Copper	3/0 - #6 AWG	25	40.0

SOLAR LAY-IN GROUNDING LUGS

Applications:

- The ideal choice for the quick installation of one continuous grounding conductor or as a jumper to multiple locations
- Just unscrew the set screw, lay in the cable and re-tighten, making it easy to retrofit or repair

Features:

- Tin plated copper for additional corrosion resistance
- For use with #4-14 cable
- Stainless steel slotted screw
- Suitable for direct burial and outdoor use
- Ideal for continuous grounding of solar PV panels
- Suitable for use with copper conductors only, solid or stranded

INTERSYSTEM BONDING BRIDGES

Applications:

- Provides reliable intersystem bonding between power and communication grounding systems in commercial and residential applications

Features:

- For use in residential and commercial applications
- Can ground up to four systems to a single location
- Available in either zinc alloy or copper alloy material
- Snap-on plastic cover provides easy installation and protects from the elements
- Rated for use with solid and stranded copper conductors

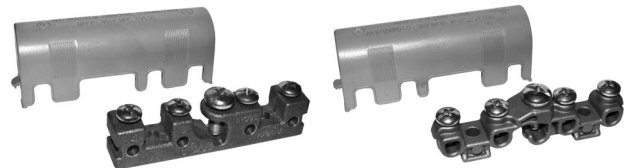
Certifications and Compliances:

- cULus Listed, File No. E-6225

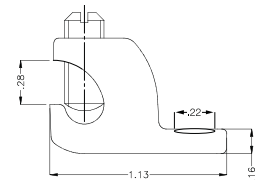
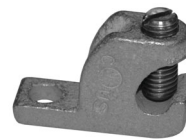


Standard Materials and Finishes:

- Zinc bonding bridge – natural
- Copper bonding bridge – natural
- Screws – stainless steel
- Protective snap-on cover – plastic



Cat. #	Description	Main Conductor Range	Aux. Conductor Range	Unit Qty.	Wt. Lbs. Per 100
BB414DC	Zinc Alloy	#6 - #2	#4 - #14	10	38.5
BB414C	Copper Alloy	#6 - #2	#4 - #14	10	65.4



Certifications and Compliances:

- cULus Listed
- UL File No. E-6225



Standard Materials and Finishes:

- Body – copper, tin plated
- Screw – stainless steel, natural

Cat. #	Description	Cable	Unit Qty.	Wt. Lbs. Per 100
SLL414T	Solar Grounding Lug	#4-14	100	5

Cable Fittings Reference Chart

Cat. #	AC	MC	FMC	NM	SE	Flex. to EMT	AC/ Flex. to EMT	Cable Ranges	Armoured Cables Steel & Aluminum	Metal-clad Cables Steel & Aluminum	Conduit Cable Type
631				•	•			For 2 conductor Nos. 8, 6 3 conductor Nos. 8, 6			
632				•	•			For 2 conductor Nos. 8, 6 3 conductor Nos. 8, 6			
699	•	•	•					AC 0.470 min. / 12/4 max. FE & AL MCI 0.470 min. / 0.500 max. FE	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 0.470 / 0.560	ST: 14/2, 14/3, 14/4, 12/2, 0.470 / 0.500	FE RWFMC
700	•	•	•								
707	•	•	•					AC 0.560, MCI 0.500 FE & AL	12/4	AL: 14/4 ST: 12/3	FE RWFMC
708		•	•					MCI 0.870 AL		AL: 6/3	FE RWFMC
709			•								FE RWFMC
710			•								FE RWFMC
711			•								FE RWFMC
712			•								FE RWFMC
713			•								FE RWFMC
714			•								FE RWFMC
715			•								FE RWFMC
721			•								FE RWFMC
722			•								FE RWFMC
723	•	•	•					AC 0.470 min. / 12/4 max. FE & AL MCI 0.470 min. / 0.640 max. FE MCI 0.500 min. / 0.630 max. AL	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 0.470 / 0.550	AL: 14/4, 12/2, 12/3, 12/4, 10/2, 10/3, 10/4, 8/2, 0.500 / 0.630 ST: 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3, 10/4, 8/2, 0.470 / 0.630	FE RWFMC
724	•	•	•					AC 0.460 min. / 12/4 max. FE & AL MCI 0.500 min. / 0.630 max. FE MCI 0.500 min. / 0.640 max. AL	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 0.460 / 0.550	AL: 14/4, 12/2, 12/3, 12/4, 10/2, 10/3, 10/4, 8/2, 0.500 / 0.630 ST: 12/3, 12/4, 10/2, 10/3, 10/4, 8/2, 0.500 / 0.630	FE RWFMC
735			•								FE RWFMC
736			•								FE RWFMC
737	•	•	•					AC 0.990 FE & AL MCI 0.950 min. / 1.020 max. FE & AL	4/3	6/4, 4/3, 0.950 / 1.020	FE RWFMC
738	•	•	•					AC 0.920 min. / 4/3 max. FE & AL MCI 0.840 FE MCI 0.880 min. / 1.030 max. AL	6/4, 4/3, 0.920 / 1.100	AL: 6/3, 6/4, 4/3, 0.880 / 1.030 ST: 6/3	FE RWFMC
739			•								FE RWFMC
740			•								FE RWFMC
741			•								FE RWFMC
742			•								FE RWFMC
744			•								FE RWFMC
745			•								FE RWFMC
746			•								FE RWFMC
747			•								FE RWFMC

AC = Armoured Cable MCI = Metal/Clad Interlocked FE RWFMC = Steel Reduced/Wall Flexible Metallic Conduit
FE = Steel AL = Aluminum FEFMC = Steel Flexible Metallic Conduit

Reference Chart

Cable Fittings Reference Chart

Cat. #	AC	MC	FMC	NM	SE	Flex. to EMT	AC/ Flex. to EMT	Cable Ranges	Armoured Cables Steel & Aluminum	Metal-clad Cables Steel & Aluminum	Conduit Cable Type
1707	•	•	•					AC 0.560, MCI 0.500 FE & AL			FE RWFMC
1708		•	•					MCI 0.870 AL		AL: 6/3	FE RWFMC
1709			•								FE RWFMC
1710			•								FE RWFMC
1711			•								FE RWFMC
1712			•								FE RWFMC
1713			•								FE RWFMC
1714			•								FE RWFMC
1715			•								FE RWFMC
1721			•								FE RWFMC
1722			•								FE RWFMC
1723			•					AC 0.470 min. / 12/4 max. FE & AL MCI 0.470 min. / 0.640 max. FE MCI 0.500 min. / 0.630 max. AL	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 0.470 / .550	AL: 14/4, 12/2, 12/3, 12/4, 10/2, 10/3, 10/4, 8/2, 0.500 / 0.630 ST: 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3, 10/4, 8/2, 0.470 / 0.630	FE RWFMC
1735			•								FE RWFMC
1736			•								FE RWFMC
1737	•	•	•					AC 0.990 FE & AL MCI 0.950 min. / 1.020 max. FE & AL	4/3	6/4, 4/3, 0.950 / 1.020	FE RWFMC
1738	•	•	•					AC 0.920 min. / 4/3 max. FE & AL MCI 0.840 FE MCI 0.880 min. / 1.030 max. AL	6/4, 4/3, 0.920 / 1.100	AL: 6/3, 6/4, 4/3, 0.880 / 1.030 ST: 6/3	FE RWFMC
1739			•								FE RWFMC
1740			•								FE RWFMC
1741			•								FE RWFMC
1742			•								FE RWFMC
1744			•								FE RWFMC
1745			•								FE RWFMC
1746			•								FE RWFMC
1747			•								FE RWFMC
2631				•	•			For 3 conductor Nos. 8, 6			
2632				•	•			For 3 conductor Nos. 6, 4			
2633				•	•			For 3 conductor Nos. 3, 2			
2670				•	•			For 3 conductor No. 2/0			
2671				•	•			For 3 conductor No. 4/0			
2699	•	•	•								
1707DC			•								
1708DC			•								
1709DC			•								
1710DC			•								
1711DC			•								
1712DC			•								
1713DC			•								
1714DC			•								
1715DC			•								
1721DC			•								
1722DC			•								
1724DC			•								
1736DC			•								
1738DC			•								

Reference Chart

AC = Armoured Cable MCI = Metal/Clad Interlocked FE RWFMC = Steel Reduced/Wall Flexible Metallic Conduit
FE = Steel AL = Aluminum FEFMC = Steel Flexible Metallic Conduit

Cable Fittings Reference Chart

Cat. #	AC	MC	FMC	NM	SE	Flex. to EMT	AC/ Flex. to EMT	Cable Ranges	Armoured Cables Steel & Aluminum	Metal-clad Cables Steel & Aluminum	Conduit Cable Type
1739DC			•								
1740DC			•								
1741DC			•								
1742DC			•								
1744DC			•								
1745DC			•								
1746DC			•								
1747DC			•								
702V	•	•	•								
707DC			•								
708DC			•								
709DC			•								
710DC			•								
711DC			•								
712DC			•								
713DC			•								
714DC			•								
715DC			•								
721DC			•								
722DC			•								
724DC			•								
736DC			•								
738DC			•								
739DC			•								
740DC			•								
741DC			•								
742DC			•								
744DC			•								
745DC			•								
746DC			•								
747DC			•								
759DC				•				For 2 conductor Nos. 14, 12, 10 3 conductor Nos. 14, 12			
770DC			•								
771DC			•								
772DC			•								
773DC			•								
774DC			•								
775DC			•								
776DC			•								
780DC						•					
791DC			•								
792DC			•								
793DC			•								
794DC			•								
795DC			•								
796DC			•								

AC = Armoured Cable MCI = Metal/Clad Interlocked FE RWFMC = Steel Reduced/Wall Flexible Metallic Conduit
FE = Steel AL = Aluminum FEFMC = Steel Flexible Metallic Conduit

Reference Chart

Cable Fittings Reference Chart

Cat. #	AC	MC	FMC	NM	SE	Flex. to EMT	AC/ Flex. to EMT	Cable Ranges	Armoured Cables Steel & Aluminum	Metal-clad Cables Steel & Aluminum	Conduit Cable Type
ACB100	•	•	•					AC 0.930 min. / 1/4 max. FE & AL MCI 0.960 min. / 1.468 max. FE & AL	6/4, 4/3, 4/4, 3/2, 3/3, 2/3, 2/4, 1/3, 1/4, 0.930 / 1.468	6/4, 4/3, 4/4, 3/3, 3/4, 0.960 / 1.468	FEFMC
ACB125	•	•	•								FEFMC
ACB150		•	•								FEFMC
ACB200		•	•								FEFMC
ACB250		•	•								FEFMC
ACB300		•	•								FEFMC
ACB350			•								FEFMC
ACB38	•	•	•					AC 0.450 min. / 10/2 max. FE & AL MCI 0.450 min. / 0.660 max. FE & AL	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 0.450 / 0.660	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 0.450 / 0.660	FEFMC
ACB400			•								
ACB50	•	•	•					AC 0.550 min. / 6/3 max. FE & AL MCI 0.640 min. / 0.920 max. FE & AL	12/4, 10/2, 10/3, 10/4, 8/2, 8/3, 8/4, 6/2, 6/3, 0.550 / 0.920	10/2, 10/3, 10/4, 8/2, 8/3, 0.640 / 0.920	FEFMC
ACB75	•	•	•					AC 0.930 min. / 4/3 max. FE AC 0.680 min. / 4/3 max. AL MCI 0.730 min. / 1.075 max. FE MCI 0.930 min. / 1.075 max. AL	AL: 8/3, 8/4, 6/2, 6/3, 6/4, 4/2, 4/3, 0.680/1.075 ST: 6/4, 4/2, 4/3, 0.930 / 1.075	AL: 6/4, 4/3, 3/3, 0.930 / 1.075 ST: 8/3, 8/4, 6/2, 6/3, 6/4, 4/3, 3/3, 0.730 / 1.075	FEFMC
ACC38						•	•				
ACC50						•	•				
ACC75						•	•				
ACCSS38						•	•				
ACCSS50						•	•				
ACCSS75						•	•				
ASB 0	•		•					14/2, 14/3, 12/2			
ASB 1	•		•					14/4, 12/3, 6/1, 4/1			
ASB 2	•		•					12/2, 10/2, 10/3, 2/1			
ASB 3	•		•					10/4, 8/2, 8/3, 1/1			
ASB 4	•		•					8/4, 6/4, 6/3, 6/2, 4/3, 4/2			
ASB 5	•		•					3/1, 2/1, 2 - 1/0, 1 - 300MCM, 1 - 350MCM, 1 - 400MCM, 1 - 450MCM, 1 - 500MCM			
ASB 6	•		•					4/1, 4 - 1/0, 4 - 2/0, 3 - 1/0, 3 - 2/0, 3 - 3/0, 2 - 2/0, 2 - 3/0, 2 - 4/0, 1 - 600MCM, 1 - 650MCM, 1 - 700MCM, 1 - 750MCM, 1-800MCM, 1 - 900MCM			
ASB 7	•		•					4 - 3/0, 4 - 4/0, 3 - 4/0, 3 - 250MCM, 3 - 300MCM, 2 - 250MCM, 2 - 300MCM, 2 - 350MCM, 1 - 1000MCM			
ASB 8	•		•					4 - 250MCM, 4 - 300MCM, 4 - 350MCM, 4 - 400MCM, 4 - 450MCM, 4 - 500MCM, 3 - 350MCM, 3 - 400MCM, 3 - 450MCM, 3 - 500MCM, 2 - 400MCM, 2 - 450MCM, 2 - 500MCM			

Reference Chart

AC = Armoured Cable MCI = Metal/Clad Interlocked FE RWFMC = Steel Reduced/Wall Flexible Metallic Conduit
FE = Steel AL = Aluminum FEFMC = Steel Flexible Metallic Conduit

Cable Fittings Reference Chart

Reference Chart

Cat. #	AC	MC	FMC	NM	SE	Flex. to EMT	AC/ Flex. to EMT	Cable Ranges	Armoured Cables Steel & Aluminum	Metal-clad Cables Steel & Aluminum	Conduit Cable Type
QLK50D	•	•	•						14/2, 14/3, 14/4, 12/2, 12/3, 12/4	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2	
QLK50S	•	•	•						14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2	
QLK75	•	•	•						10/4, 10/5, 8/3, 8/4, 6/3	10/3, 10/4, 8/2, 8/3, 6/2	
SSACB38	•	•	•					AC 0.450 min. / 10/2 max. FE & AL MCI 0.450 min. / 0.660 max. FE & AL	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 0.450 / 0.660	0.450 / 0.660	FEFMC
SSACB50	•	•	•					AC 0.550 min. / 6/3 max. FE & AL MCI 0.640 min. / 0.920 max. FE & AL	12/4, 10/2, 10/3, 10/4, 8/2, 8/3, 8/4, 6/2, 6/3, 0.550 / 0.920	0.640 / 0.920	FEFMC
SSACB75	•	•	•					AC 0.930 min. / 4/3 max. FE AC 0.680 min. / 4/3 max. AL MCI 0.730 min. / 1.075 max. FE MCI 0.930 min. / 1.075 max. AL	8/3, 8/4, 6/2, 6/3, 6/4, 4/2, 4/3, 0.930 / 1.075	AL: 0.930 / 1.075 ST: 0.730 / 1.075	FEFMC
SSACB100	•	•	•					AC 0.930 min. / 1/4 max. FE & AL MCI 0.960 min. / 1.468 max. FE & AL	6/4, 4/3, 4/4, 3/3, 3/4, 2/3, 2/4, 1/3, 1/4, 0.930 / 1.468	0.960 / 1.468	FEFMC
ACB3845	•	•	•					AC 0.450 min. / 10/2 max. FE & AL MCI 0.450 min. / 0.660 max. FE & AL	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 0.450 / 0.660	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 0.450 / 0.660	FEFMC
ACB5045	•	•	•					AC 0.550 min. / 6/3 max. FE & AL MCI 0.640 min. / 0.920 max. FE & AL	12/4, 10/2, 10/3, 10/4, 8/2, 8/3, 8/4, 6/2, 6/3, 0.550 / 0.920	10/2, 10/3, 10/4, 8/2, 8/3, 0.640 / 0.920	FEFMC
ACB7545	•	•	•					AC 0.930 min. / 4/3 max. FE AC 0.680 min. / 4/3 max. AL MCI 0.730 min. / 1.075 max. FE MCI 0.930 min. / 1.075 max. AL	AL: 8/3, 8/4, 6/2, 6/3, 6/4, 4/2, 4/3, 0.680 / 1.075 ST: 6/4, 4/2, 4/3, 0.930 / 1.075	AL: 6/4, 4/3, 3/3, 0.930 / 1.075 ST: 8/3, 8/4, 6/2, 6/3, 6/4, 4/3, 3/3, 0.730 / 1.075	FEFMC
ACB3890	•	•	•					AC 0.450 min. / 10/2 max. FE & AL MCI 0.450 min. / 0.660 max. FE & AL	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 0.450 / 0.660	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 0.450 / 0.660	FEFMC
ACB5090	•	•	•					AC 0.550 min. / 6/3 max. FE & AL MCI 0.640 min. / 0.920 max. FE & AL	12/4, 10/2, 10/3, 10/4, 8/2, 8/3, 8/4, 6/2, 6/3, 0.550 / 0.920	10/2, 10/3, 10/4, 8/2, 8/3, 0.640 / 0.920	FEFMC
ACB7590	•	•	•					AC 0.930 min. / 4/3 max. FE AC 0.680 min. / 4/3 max. AL MCI 0.730 min. / 1.075 max. FE MCI 0.930 min. / 1.075 max. AL	AL: 8/3, 8/4, 6/2, 6/3, 6/4, 4/2, 4/3, 0.680 / 1.075 ST: 6/4, 4/2, 4/3, 0.930 / 1.075	AL: 6/4, 4/3, 3/3, 0.930 / 1.075 ST: 8/3, 8/4, 6/2, 6/3, 6/4, 4/3, 3/3, 0.730 / 1.075	FEFMC
ACB10090	•	•	•					AC 0.930 min. / 1/4 max. FE & AL MCI 0.960 min. / 1.468 max. FE & AL	6/4, 4/3, 4/4, 3/2, 3/3, 2/3, 2/4, 1/3, 1/4, 0.930 / 1.468	6/4, 4/3, 4/4, 3/3, 3/4, 0.960 / 1.468	FEFMC
BX38	•	•	•						14/2	14/2	FEFMC
BX38R	•	•	•						10/4	10/2	FEFMC
FECC50DC						•					
FECC75DC						•					
FECC100DC						•					
FECS38DC						•					
FECS75DC						•					
702DC			•								
703DC			•								
ACMF38	•	•	•					14-2 through 10-2 FE or AL 14-2 OD 0.470 through 10-3 OD 0.610 14-2 OD 0.469 through 10-3 OD 0.600 MCI			FE RWFMC
ACB38DC	•	•	•	•	•			14-2 OD 0.465 through 10-3 OD 0.500 FE 14-2 OD 0.480 through 10-3 OD 0.585 AL 0.475 through 0.600 MCI 0.468 through 0.610 ALMCI For 12/2 through 10/3 Oval NMSE Cable	14/2, 10/3	14/2, 10/3	FEFMC
567BX	•	•	•								

AC = Armoured Cable MCI = Metal/Clad Interlocked FE RWFMC = Steel Reduced/Wall Flexible Metallic Conduit
FE = Steel AL = Aluminum FEFMC = Steel Flexible Metallic Conduit

Condulet® Conduit Outlet Bodies, Covers & Gaskets – Stainless Steel

Condulet® Stainless Steel Fittings deliver power where you need it, saving you time and money throughout the life of your facility.

Superior resistance to corrosion and heat, combined with unmatched strength, make stainless steel Condulet bodies and boxes a long-term solution for even the most extreme environments.

Applications:

Conduit outlet bodies are installed in conduit systems to:

- Act as pull outlets for conductors being installed
- Provide openings for making splices and taps in conductors
- Act as mounting outlets for lighting fixtures and wiring devices
- Connect conduit sections
- Provide taps for branch conduit runs
- Make 90° bends in conduit runs
- Provide for access to conductors for maintenance and future system changes

Features:

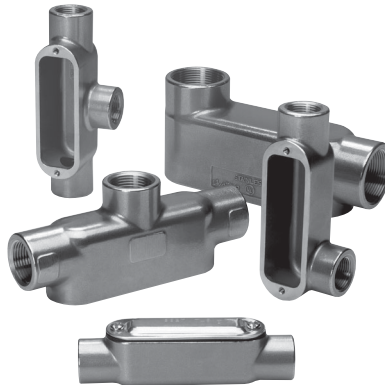
- Self-healing properties of stainless steel fittings help reduce the penetration of rust/corrosion and eliminate damage to the fitting
- Stainless steel fittings retain their strength in extreme heat and extreme cold conditions
- Fitting surface is easy to maintain and keep clean
- Easy cleaning capabilities make these fittings perfect for food processing and other hygienic areas where wash downs are common
- Superior strength and durability greatly reduce replacement of fittings – this will lower your total cost of ownership and increase your return on investment
- Stainless steel fittings do not require harsh environment-damaging cleaners to keep them looking like new
- Conduit hubs have tapered threads and feature integral bushing for protection of wire insulation
- Outlet bodies designed to match conduit size for neat, compact installations

Certifications and Compliances:

- UL Standard 514A
- CSA Standard C22.2 No. 18.1-04
- Raintight – when installed with cover and gasket

Standard Materials:

- Bodies and covers – 316 stainless steel
- Cover screws – 316 stainless steel
- Gasket – neoprene



Dimension	
A	Overall Length
B	Overall Height
C	Overall Width
D	Width of Opening
E	Length of Opening

T CONDUIT BODY, COVER & GASKET



Cat. #	Size	A	B	C	D	E
T18SS	1/2"	5.56	1.75	1.31	1.02	3.15
T28SS	3/4"	6.61	2.00	1.63	1.27	3.92
T38SS	1"	7.53	2.31	1.78	1.42	4.61
T48SS	1 1/4"	8.75	2.50	2.25	1.83	5.50
T58SS	1 1/2"	9.37	2.75	2.47	2.03	6.12
T68SS	2"	11.50	3.38	3.13	2.50	8.00
T88SS	3"	15.00	4.63	4.34	3.71	10.25
T108SS	4"	18.25	5.44	5.50	4.87	13.00

LB CONDUIT BODY, COVER & GASKET



Cat. #	Size	A	B	C	D	E
LB18SS	1/2"	4.86	1.35	1.31	1.02	3.15
LB28SS	3/4"	5.75	1.63	1.63	1.27	3.94
LB38SS	1"	6.48	2.00	1.78	1.42	4.55
LB48SS	1 1/4"	7.75	3.50	2.25	1.83	5.50
LB58SS	1 1/2"	8.38	2.75	2.47	2.03	6.13
LB68SS	2"	10.50	3.38	3.13	2.50	8.00
LB88SS	3"	13.50	6.13	4.34	3.71	10.25
LB108SS	4"	16.63	7.25	5.50	4.87	13.00

Stainless Steel

TB CONDUIT BODY, COVER & GASKET



Cat. #	Size	A	B	C	D	E
TB28SS	3/4"	6.61	2.88	1.63	1.27	3.95
TB38SS	1"	7.53	3.23	1.78	1.42	4.61
TB48SS	1 1/4"	8.75	3.50	2.25	1.83	5.50
TB58SS	1 1/2"	9.37	3.75	2.47	2.03	6.12
TB68SS	2"	11.50	4.38	3.13	2.50	8.00

C CONDUIT BODY, COVER & GASKET



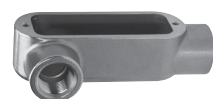
Cat. #	Size	A	B	C	D	E
C18SS	1/2"	5.56	1.38	1.31	1.02	3.15
C28SS	3/4"	6.56	1.63	1.63	1.27	3.94
C38SS	1"	7.50	2.00	1.78	1.42	4.61

LL CONDUIT BODY, COVER & GASKET



Cat. #	Size	A	B	C	D	E
LL28SS	3/4"	5.72	1.63	1.63	1.27	3.95
LL38SS	1"	6.59	2.00	1.78	1.42	4.61

LR CONDUIT BODY, COVER & GASKET



Cat. #	Size	A	B	C	D	E
LR28SS	3/4"	5.72	1.63	1.63	1.27	3.95
LR38SS	1"	6.59	2.00	1.78	1.42	4.61

Condulet® Conduit Outlet Bodies, Covers & Gaskets – Stainless Steel

Condulet® Stainless Steel Device Boxes deliver power where you need it, saving you time and money throughout the life of your facility.

Superior resistance to corrosion and heat, combined with unmatched strength, make stainless steel Condulet bodies and boxes a long-term solution for even the most extreme environments.

Applications:

Cast device boxes are installed in conduit systems to:

- Accommodate wiring devices
- Act as pull boxes for conductors in a conduit system
- Provide openings to make splices and taps in conductors
- Provide access to conductors for maintenance and future system changes
- Connect conduit systems

Features:

- Self-healing properties of stainless steel fittings help reduce the penetration of rust/corrosion and eliminate damage to the fitting
- Stainless steel fittings retain their strength in extreme heat and extreme cold conditions
- Fitting surface is easy to maintain and keep clean
- Easy cleaning capabilities make these fittings perfect for food processing and other hygienic areas where wash downs are common
- Superior strength and durability greatly reduce replacement of fittings – this will lower your total cost of ownership and increase your return on investment
- Stainless steel fittings do not require harsh environment-damaging cleaners to keep them looking like new
- Internal green grounding screw standard
- Tapered threads for protection of wire insulation
- Wide selection of covers available
- Single or double conduit entry
- Ample wiring room provided for easy installations

Certifications and Compliances:

- UL Standard 514A
- CSA Standard C22.2 No. 18.1-04
- Raintight – when installed with cover and gasket

Standard Materials:

- Bodies and covers – 316 stainless steel
- Cover screws – 316 stainless steel
- Gasket – neoprene



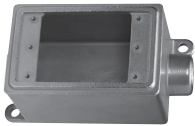
Condulet® Conduit Outlet Bodies, Covers & Gaskets – Stainless Steel

Dimension

A	Length of Box
B	Overall Length (Including Hubs)
C	Width of Box
D	Overall Width (Including Hubs)
E	Height of Box
F	Overall Height (Including Hubs)

DEVICE BODIES

FD



Cat. #	Size	A	B	C	D	E	F
FD2SS	$\frac{3}{4}$ "	4.63	5.41	2.94	2.94	3.03	3.03

FDC



Cat. #	Size	A	B	C	D	E	F
FDC2SS	$\frac{3}{4}$ "	4.63	6.19	2.94	2.94	3.03	3.03

FDS



Cat. #	Size	A	B	C	D	E	F
FDS2SS	$\frac{3}{4}$ "	4.63	5.41	2.94	2.94	3.03	3.03

FDA



Cat. #	Size	A	B	C	D	E	F
FDA2SS	$\frac{3}{4}$ "	4.63	4.63	2.94	2.94	3.03	3.80

FDX

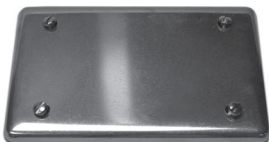


Cat. #	Size	A	B	C	D	E	F
FDX2SS	$\frac{3}{4}$ "	4.63	6.19	2.94	4.50	3.03	3.03

Stainless Steel

DEVICE BOX COVERS & GASKETS

Blank Cover



Cat. #
DS7000BC

Blank Formed Cover



Cat. #
DS7000BF

Switch Formed Cover



Cat. #
DS7000SF

Receptacle Formed Cover



Cat. #
DS7000RF

Stainless Steel Fittings

VXF Junction Boxes

Applications:

For use where high quality, durable products that withstand corrosion, chemical treatments and wash downs are required, including:

- Wastewater treatment plants
- Food and beverage facilities
- Pharmaceutical plants
- Pulp and paper mills
- Mines

VXF Stainless Steel Junction Boxes are installed in threaded rigid conduit systems to:

- Act as junction boxes for making terminations
- Act as pull outlets

Features:

VXF Junction Box

Includes:

- Four tapped conduit openings with three 316 stainless steel installed recessed hex plugs
- Four 1/4-20 x 1" stainless steel hex head bolts for mounting box to surface
- One 10-32 x 1/4" installed green ground screw with slotted head

VXF Hub Cover

Includes:

- Fixture rated up to 130 lbs. with VXF body
- Neoprene gasket
- Four 1/4-20 x 5/8" stainless steel hex head bolts and lock washer for cover attachment to box
- One 10-24 x 5/8" Phillips pan head set screw

VXF Blank Cover

Includes:

- Neoprene gasket
- Four 1/4-20 x 5/8" stainless steel hex head bolts for cover attachment to box
- GRF10SS comes with PVC protective peel off coating

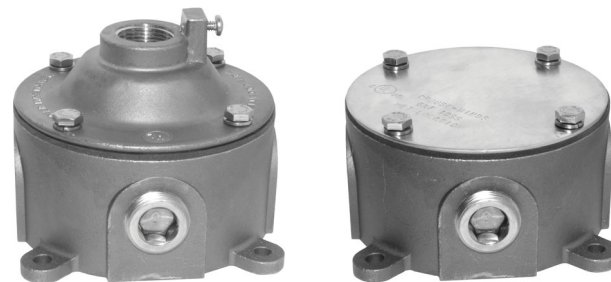
GRF Replacement Gasket

Includes:

- Neoprene gasket

Certifications and Compliances:

- UL/cUL Listed, File No. E-15022
- NEC/CEC
 - Class I, Division 2
 - Class II, Divisions 1 & 2
 - Class III
- Fixture rated (with pendant cover)
- UL514A
- Wet locations
- NEMA 4X
- Assembled in the USA



Standard Materials:

- Body, plugs and cover – 316 stainless steel
- Nuts and washers – stainless steel
- Gasket – neoprene

Standard Finishes:

- Body, plugs, nuts and washer – natural
- GRF10SS – natural with #4 brushed finish

VXF JUNCTION BOXES



Cat. #	Description
VXF20SS	3/4" X Style Junction Box
VXF30SS	1" X Style Junction Box

VXF HUB COVER



Cat. #	Description
VXF12SS	3/4" Pendant Cover with Gasket

VXF BLANK COVER



Cat. #	Description
GRF10SS	Flat Cover with Gasket

GRF REPLACEMENT GASKET



Cat. #	Description
GASK643	Neoprene Gasket

Stainless Steel Fittings

Locknuts & Bushings

Stainless steel fittings deliver unbeatable corrosion protection where you need it, saving you time and money throughout the life of your facility.

Superior resistance to corrosion and heat, combined with unmatched strength, make stainless steel fittings a long-term solution for even the most extreme environments.

Features:

- Self-healing properties of stainless steel fittings help reduce the penetration of rust/corrosion and eliminate damage to the fitting
- Stainless steel fittings retain their strength in extreme heat and extreme cold conditions
- Fitting surface is easy to maintain and keep clean
- Easy cleaning capabilities make these fittings perfect for food processing and other hygienic areas where wash downs are common
- Superior strength and durability greatly reduce replacement of fittings – this will lower your total cost of ownership and increase your return on investment
- Stainless steel fittings do not require harsh environment-damaging cleaners to keep them looking like new
- Stainless steel fittings are ideal for industrial MRO and OEM applications in food and beverage, pharmaceutical, petrochemical, wastewater, salt water and other corrosive environments

Standard Materials:

- Fittings – 316 stainless steel
- Conduit, nipples, couplings and elbows – 316 stainless steel, 304 stainless steel
- Conduit hangers – 316 stainless steel, 301 stainless steel

LOCKNUTS



11SS

Features:

- 316 stainless steel locknuts can be used with conduit or NPS threaded pipe
- Precision machined threads allow for easy installation
- Heavy stock thickness and specially designed tabs tighten securely and will not easily loosen even in the most severe applications

Cat. #	Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	Threads Per Inch
11SS	1/2"	1000	1000	2	14
12SS	3/4"	500	500	3	14
13SS	1"	500	500	5	11 1/2
14SS	1 1/4"	100	100	7	11 1/2
15SS	1 1/2"	100	100	10	11 1/2
16SST	2"	100	100	21	11 1/2



HEX HEAD REDUCING BUSHINGS



RBSS21

Cat. #	Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	Length	Hex Nut Size
RBSS21	3/4" - 1/2"	100	100	15	0.95	1.20
RBSS31	1" - 1/2"	100	100	21	1.07	1.40
RBSS32	1" - 3/4"	100	100	17	1.07	1.40
RBSS51	1 1/2" - 1/2"	50	50	70	1.50	2.05
RBSS52	1 1/2" - 3/4"	50	50	68	1.50	2.05
RBSS53	1 1/2" - 1"	50	50	61	1.50	2.05
RBSS61	2" - 1/2"	25	25	81	1.30	2.42
RBSS62	2" - 3/4"	25	25	81	1.42	2.50
RBSS63	2" - 1"	25	25	81	1.32	2.43
RBSS65	2" - 1 1/2"	25	25	68	1.42	2.50

Stainless Steel

Stainless Steel Fittings

Plugs, Clamps & U-bolts

HEX HEAD PLUGS

Features:

- Used for closing threaded conduit hubs or openings
- NPT threads



PLG50SS

Cat. #	Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	Length	Hex Nut Size
PLG50SS	1/2"	100	100	11	1.00	0.93
PLG75SS	3/4"	100	100	16	1.03	1.17
PLG100SS	1"	100	100	25	1.16	1.51
PLG150SS	1 1/2"	50	50	58	1.62	2.10
PLG200SS	2"	50	50	100	1.56	2.60

RECESSED HEX HEAD PLUGS

Features:

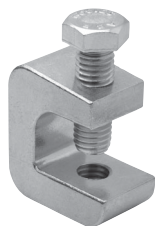
- Used for closing threaded conduit hubs or openings
- NPT threads



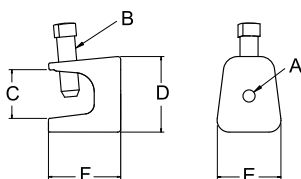
PLG2SS

Cat. #	Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	Length
PLG1SS	1/2"	50	50	6	0.84
PLG2SS	3/4"	50	50	10	1.05
PLG3SS	1"	25	25	21	1.32
PLG4SS	1 1/4"	25	25	35	1.67
PLG5SS	1 1/2"	10	10	44	1.91
PLG6SS	2"	10	10	84	2.38

BEAM CLAMPS



531SST



Features:

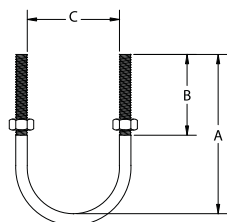
- This heavy duty "electrician's" style beam clamp is cast in stainless for superior strength and corrosion resistance
- Designed for use on I-beams, channels and other structural members, this beam clamp provides firm fixturing without drilling holes
- Attachment holes in the back and bottom permit a wide variety of applications

Cat. #	Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E	F
531SST	1 5/16"	50	50	25	1/4" - 20	5/16" - 18	7/8"	1 3/8"	1"	1 5/16"
533SST	2"	25	25	80	3/8" - 16	1/2" - 13	1 3/16"	1 7/8"	1 7/8"	2"
534SST	2 1/4"	25	25	148	1/2" - 13	5/8" - 11	1 5/16"	2 3/16"	2 5/8"	2 1/4"

U-BOLTS



UBM50SS

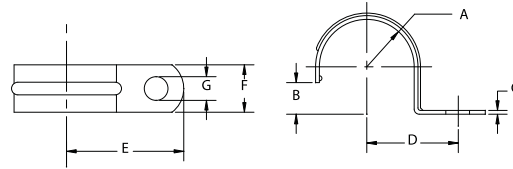


Cat. #	Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	Size & Pitch	Load Rating (Lbs.)
UBM50SS	1/2"	100	100	13	2.41"	1.50"	0.94"	5/16" - 18	950
UBM75SS	3/4"	100	100	14	2.73"	1.50"	1.15"	5/16" - 18	950
UBM100SS	1"	100	100	15	3.04"	1.50"	1.41"	5/16" - 18	950
UBM125SS	1 1/4"	50	50	16	3.16"	1.50"	1.76"	5/16" - 18	950
UBM150SS	1 1/2"	50	50	18	3.48"	1.50"	2.00"	5/16" - 18	950
UBM200SS	2"	50	50	30	4.30"	1.75"	2.49"	3/8" - 16	1250
UBM250SS	2 1/2"	50	50	34	4.80"	1.75"	2.99"	3/8" - 16	1250
UBM300SS	3"	50	50	38	5.36"	1.75"	3.61"	3/8" - 16	1250
UBM350SS	3 1/2"	50	50	40	5.80"	1.75"	4.11"	3/8" - 16	1250
UBM400SS	4"	50	50	45	6.50"	1.75"	4.61"	3/8" - 16	1250

Stainless Steel Fittings

Straps

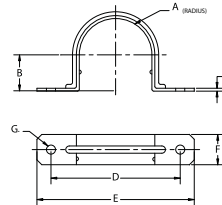
ONE HOLE STRAPS



410SS

Cat. #	Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E	F	G
410SS	1/2"	400	400	4	0.420"	0.390"	0.075"	0.937"	1.375"	0.625"	0.250"
411SS	3/4"	200	200	5	0.525"	0.500"	0.090"	1.031"	1.562"	0.750"	0.250"
412SS	1"	100	100	7	0.655"	0.620"	0.090"	1.125"	1.812"	0.875"	0.312"
413SS	1 1/4"	50	50	10	0.830"	0.800"	0.100"	1.500"	2.000"	0.875"	0.375"
414SS	1 1/2"	50	50	14	0.950"	0.920"	0.125"	1.875"	2.500"	1.000"	0.437"
415SS	2"	25	25	20	1.185"	1.150"	0.125"	2.125"	2.750"	1.125"	0.562"
206SS	2 1/2"	25	25	42	1.437"	1.400"	0.150"	2.562"	3.312"	1.250"	0.562"
207SS	3"	10	10	51	1.750"	1.700"	0.150"	2.875"	3.625"	1.250"	0.562"
208SS	3 1/2"	10	10	70	2.000"	1.950"	0.180"	3.250"	4.000"	1.250"	0.562"
209SS	4"	10	10	78	2.250"	2.200"	0.180"	3.500"	4.250"	1.250"	0.562"

TWO HOLE STRAPS



496 2SS

Cat. #	Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E	F	G
496 2SS	3/8"	400	400	2	0.350"	0.320"	0.024 - 0.030"	1.560"	2.000"	0.500"	0.188"
496 3SS	1/2"	200	200	2	0.420"	0.390"	0.024 - 0.030"	1.780"	2.250"	0.560"	0.188"
496 4SS	3/4"	200	200	3	0.520"	0.500"	0.024 - 0.030"	2.180"	2.620"	0.620"	0.188"
496 5SS	1"	100	100	4	0.650"	0.620"	0.033 - 0.038"	2.530"	3.200"	0.750"	0.250"
496 6SS	1 1/4"	50	50	6	0.830"	0.800"	0.033 - 0.038"	3.160"	4.000"	0.870"	0.250"
496 7SS	1 1/2"	50	50	9	0.950"	0.920"	0.043 - 0.050"	3.370"	4.200"	0.930"	0.250"
496 8SS	2"	50	50	12	1.180"	1.150"	0.043 - 0.050"	4.250"	5.120"	1.000"	0.375"
496 9SS	2 1/2"	25	25	16	1.430"	1.400"	0.053 - 0.060"	4.950"	5.870"	1.000"	0.375"
496 10SS	3"	25	25	20	1.750"	1.700"	0.053 - 0.060"	5.500"	6.500"	1.000"	0.375"
496 11SS	3 1/2"	25	25	29	2.000"	1.950"	0.068 - 0.075"	6.180"	7.120"	1.000"	0.437"
496 12SS	4"	25	25	32	2.250"	2.200"	0.068 - 0.075"	6.810"	7.750"	1.000"	0.437"

Stainless Steel

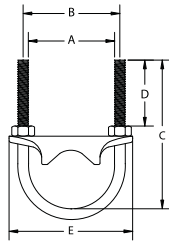
Stainless Steel Fittings

Clamps

RIGHT ANGLE CLAMPS



RAC50SS

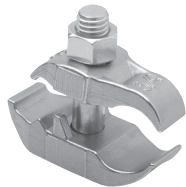


Features:

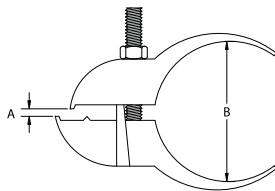
- Designed to fit pipe/rigid conduit as well as PVC coated rigid conduit, right angle clamps firmly fix pipe to the flange of a structural member without drilling holes
- Cast in CF8M (316) with 316 stainless steel U-bolt and nuts, these clamps are designed for both strength and corrosion resistance

Cat. #	Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E
RAC50SS	1/2"	50	50	34	0.94"	1.25"	2.41"	1.50"	2.00"
RAC75SS	3/4"	50	50	36	1.15"	1.46"	2.73"	1.50"	2.13"
RAC100SS	1"	50	50	44	1.41"	1.72"	3.04"	1.50"	2.63"
RAC125SS	1 1/4"	25	25	51	1.76"	2.07"	3.16"	1.50"	2.88"
RAC150SS	1 1/2"	25	25	61	2.00"	2.31"	3.48"	1.50"	3.37"
RAC200SS	2"	25	25	97	2.49"	2.87"	4.30"	1.75"	4.62"
RAC250SS	2 1/2"	25	25	125	2.99"	3.37"	4.80"	1.75"	4.62"
RAC300SS	3"	10	10	148	3.61"	3.99"	5.36"	1.75"	5.27"
RAC350SS	3 1/2"	10	10	163	4.11"	4.49"	5.80"	1.75"	5.75"
RAC400SS	4"	10	10	178	4.61"	4.99"	6.50"	1.75"	6.25"

PARALLEL CLAMPS



PARC75SS



Features:

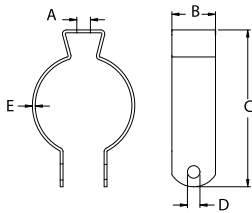
- Used to run pipe or conduit along the flange of I-beams or channels simply and easily without drilling holes
- The 100% stainless (CF8M and 316 stainless steel) design offers superb corrosion resistance and strength
- These clamps will fit both rigid conduit and PVC coated rigid conduit and are available in 3/4" and 1" trade sizes

Cat. #	Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	Overall Width
PARC75SS	3/4"	50	50	58	2.89"	1.38"	1.1
PARC100SS	1"	50	50	60	3.12"	1.38"	1.1

CONDUIT HANGERS



0BSS316



316 Stainless Steel

Cat. #	Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E
0BSS316	1/2"	100	100	7	0.255"	0.750"	1.900"	0.275"	0.050"
1BSS316	3/4"	100	100	9	0.255"	0.875"	2.100"	0.275"	0.050"
2BSS316	1"	100	100	10	0.255"	0.875"	2.400"	0.275"	0.060"
3BSS316	1 1/4"	50	50	11	0.255"	0.875"	2.800"	0.275"	0.060"
4BSS316	1 1/2"	50	50	18	0.320"	1.000"	3.250"	0.275"	0.060"
5BSS316	2"	25	25	26	0.320"	1.250"	3.750"	0.275"	0.060"
6BSS316	2 1/2"	10	10	33	0.375"	1.125"	4.630"	0.313"	0.075"
7BSS316	3"	10	10	40	0.375"	1.187"	5.500"	0.313"	0.075"
9BSS316	4"	10	10	49	0.375"	1.250"	6.250"	0.313"	0.075"

301 Stainless Steel

With Bolt



1BSS



Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
0BSS	3/8 and 1/2 RGD 1/2 EMT Hanger with Bolt	100	6
1BSS	3/4 RGD 3/4 EMT Hanger with Bolt	100	7
2BSS	1 RGD 1 EMT Hanger with Bolt	100	11
2 1/4 BSS	1 1/4 EMT Hanger with Bolt	100	10
3BSS	1 1/4 RGD 1 1/2 EMT Hanger with Bolt	100	13
4BSS	1 1/2 RGD Hanger with Bolt	100	16
5BSS	2 RGD 2 EMT Hanger with Bolt	50	17
6BSS	2 1/2 RGD 2 1/2 EMT Hanger with Bolt	50	32
7BSS	3 RGD 3 EMT Hanger with Bolt	25	39
8BSS	3 1/2 RGD 3 1/2 EMT Hanger with Bolt	10	41
9BSS	4 RGD 4 EMT Hanger with Bolt	10	44

Stainless Steel Fittings

Elbows

CONDUIT

UL File No. E-324286



RCOND50 304SS

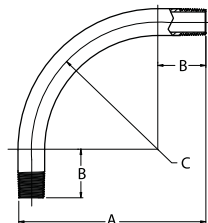


Features:

- Stainless steel threaded conduit polished to a bright finish to further increase corrosion resistance and provide enhanced aesthetic appearance
- Provided in 10' lengths with coupling attached and color-coded thread protector for the opposite end
- Custom sizes are also available

Cat. #	Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	Threads	ID	OD	Wall Thickness	Length without Coupling	Est. Wt. Per Foot (Lbs.)
RCOND50 304SS	1/2"	1	1	85	14"	0.622"	0.840"	0.104"	9' 11 1/4"	0.85
RCOND75 304SS	3/4"	1	1	113	14"	0.824"	1.050"	0.107"	9' 11 1/4"	1.13
RCOND100 304SS	1"	1	1	168	11 1/2"	1.049"	1.310"	0.126"	9' 11"	1.68
RCOND125 304SS	1 1/4"	1	1	263	11 1/2"	1.380"	1.660"	0.140"	9' 11"	2.72
RCOND150 304SS	1 1/2"	1	1	272	11 1/2"	1.610"	1.900"	0.138"	9' 11"	2.72
RCOND200 304SS	2"	1	1	365	11 1/2"	2.067"	2.370"	0.146"	9' 11"	3.65
RCOND250 304SS	2 1/2"	1	1	5500	8"	2.469"	2.870"	0.193"	9' 10 1/2"	*
RCOND300 304SS	3"	1	1	7200	8"	3.068"	3.500"	0.205"	9' 10 1/2"	*
RCOND400 304SS	4"	1	1	10000	8"	4.026"	4.500"	0.225"	9' 10 1/4"	*
RCOND50 316SS	1/2"	1	1	85	14"	0.622"	0.840"	0.104"	9' 11 1/4"	0.85
RCOND75 316SS	3/4"	1	1	113	14"	0.824"	1.050"	0.107"	9' 11 1/4"	1.13
RCOND100 316SS	1"	1	1	168	11 1/2"	1.049"	1.310"	0.126"	9' 11"	1.68
RCOND125 316SS	1 1/4"	1	1	263	11 1/2"	1.380"	1.660"	0.140"	9' 11"	2.72
RCOND150 316SS	1 1/2"	1	1	272	11 1/2"	1.610"	1.900"	0.138"	9' 11"	2.72
RCOND200 316SS	2"	1	1	365	11 1/2"	2.067"	2.370"	0.146"	9' 11"	3.65
RCOND250 316SS	2 1/2"	1	1	5500	8"	2.469"	2.870"	0.193"	9' 10 1/2"	*
RCOND300 316SS	3"	1	1	7200	8"	3.068"	3.500"	0.205"	9' 10 1/2"	*
RCOND400 316SS	4"	1	1	10000	8"	4.026"	4.500"	0.225"	9' 10 1/4"	*

STANDARD RADIUS ELBOWS



RLB5090 304SS



Features:

- Designed for use with stainless threaded rigid conduit
- These stainless steel elbows are polished to a bright finish for increased corrosion resistance and improved appearance

Cat. #	Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	Radius C	Offset A	Straight End B
RLB5090 304SS	1/2"	1	1	76	4.00"	6.50"	2.12"
RLB7590 304SS	3/4"	1	1	109	4.50"	7.25"	2.75"
RLB10090 304SS	1"	1	1	188	5.75"	8.63"	2.88"
RLB12590 304SS	1 1/4"	1	1	310	7.50"	10.75"	3.25"
RLB15090 304SS	1 1/2"	1	1	422	8.25"	11.63"	3.38"
RLB20090 304SS	2"	1	1	611	9.50"	13.31"	3.81"
RLB25090 304SS	2 1/2"	1	1	611	10.50"	16.50"	5.75"
RLB30090 304SS	3"	1	1	611	13.00"	18.75"	5.79"
RLB40090 304SS	4"	1	1	611	16.00"	23.18"	7.96"
RLB5090 316SS	1/2"	1	1	76	4.00"	6.50"	2.12"
RLB7590 316SS	3/4"	1	1	109	4.50"	7.25"	2.75"
RLB10090 316SS	1"	1	1	188	5.75"	8.63"	2.88"
RLB12590 316SS	1 1/4"	1	1	310	7.50"	10.75"	3.25"
RLB15090 316SS	1 1/2"	1	1	422	8.25"	11.63"	3.38"
RLB20090 316SS	2"	1	1	611	9.50"	13.31"	3.81"
RLB25090 316SS	2 1/2"	1	1	611	10.50"	16.50"	5.75"
RLB30090 316SS	3"	1	1	611	13.00"	18.75"	5.79"
RLB40090 316SS	4"	1	1	611	16.00"	23.18"	7.96"

Stainless Steel

Stainless Steel Fittings

Nipples

CONDUIT NIPPLES

UL File No. E-324286



NPL50200 304SS



Cat. #	Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100
NPL50CL 304SS	1/2" x CLOSE	1	1	5
NPL50200 304SS	1/2" x 2"	1	1	12
NPL50250 304SS	1/2" x 2 1/2" L	1	1	14
NPL50300 304SS	1/2" x 3" L	1	1	18
NPL50350 304SS	1/2" x 3 1/2" L	1	1	21
NPL50400 304SS	1/2" x 4" L	1	1	24
NPL50500 304SS	1/2" x 5" L	1	1	31
NPL50600 304SS	1/2" x 6" L	1	1	38
NPL50800 304SS	1/2" x 8" L	1	1	51
NPL501000 304SS	1/2" x 10" L	1	1	66
NPL501200 304SS	1/2" x 12" L	1	1	79
NPL50CL 316SS	1/2" x CLOSE	1	1	5
NPL50200 316SS	1/2" x 2"	1	1	12
NPL50250 316SS	1/2" x 2 1/2" L	1	1	14
NPL50300 316SS	1/2" x 3" L	1	1	18
NPL50350 316SS	1/2" x 3 1/2" L	1	1	21
NPL50400 316SS	1/2" x 4" L	1	1	24
NPL50500 316SS	1/2" x 5" L	1	1	31
NPL50600 316SS	1/2" x 6" L	1	1	38
NPL50800 316SS	1/2" x 8" L	1	1	51
NPL501000 316SS	1/2" x 10" L	1	1	66
NPL501200 316SS	1/2" x 12" L	1	1	79
NPL75CL 304SS	3/4" x CLOSE	1	1	8
NPL75200 304SS	3/4" x 2"	1	1	14
NPL75250 304SS	3/4" x 2 1/2" L	1	1	19
NPL75300 304SS	3/4" x 3" L	1	1	23
NPL75350 304SS	3/4" x 3 1/2" L	1	1	27
NPL75400 304SS	3/4" x 4" L	1	1	30
NPL75500 304SS	3/4" x 5" L	1	1	41
NPL75600 304SS	3/4" x 6" L	1	1	50
NPL75800 304SS	3/4" x 8" L	1	1	68
NPL751000 304SS	3/4" x 10" L	1	1	83
NPL751200 304SS	3/4" x 12" L	1	1	103
NPL75CL 316SS	3/4" x CLOSE	1	1	8
NPL75200 316SS	3/4" x 2"	1	1	14
NPL75250 316SS	3/4" x 2 1/2" L	1	1	19
NPL75300 316SS	3/4" x 3" L	1	1	23
NPL75350 316SS	3/4" x 3 1/2" L	1	1	27
NPL75400 316SS	3/4" x 4" L	1	1	30
NPL75500 316SS	3/4" x 5" L	1	1	41
NPL75600 316SS	3/4" x 6" L	1	1	50
NPL75800 316SS	3/4" x 8" L	1	1	68
NPL751000 316SS	3/4" x 10" L	1	1	83
NPL751200 316SS	3/4" x 12" L	1	1	103
NPL100CL 304SS	1" x CLOSE	1	1	13
NPL100200 304SS	1" x 2"	1	1	23
NPL100250 304SS	1" x 2 1/2" L	1	1	26
NPL100300 304SS	1" x 3" L	1	1	31
NPL100350 304SS	1" x 3 1/2" L	1	1	41
NPL100400 304SS	1" x 4" L	1	1	51
NPL100500 304SS	1" x 5" L	1	1	62
NPL100600 304SS	1" x 6" L	1	1	72
NPL100800 304SS	1" x 8" L	1	1	97
NPL1001000 304SS	1" x 10" L	1	1	135
NPL1001200 304SS	1" x 12" L	1	1	152
NPL100CL 316SS	1" x CLOSE	1	1	13
NPL100200 316SS	1" x 2"	1	1	23
NPL100250 316SS	1" x 2 1/2" L	1	1	26
NPL100300 316SS	1" x 3" L	1	1	31
NPL100350 316SS	1" x 3 1/2" L	1	1	41
NPL100400 316SS	1" x 4" L	1	1	51
NPL100500 316SS	1" x 5" L	1	1	62
NPL100600 316SS	1" x 6" L	1	1	72

Features:

- Designed for use with stainless threaded rigid conduit
- These nipples are polished to a bright finish for increased corrosion resistance and improved appearance

Cat. #	Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100
NPL100800 316SS	1" x 8" L	1	1	97
NPL1001000 316SS	1" x 10" L	1	1	135
NPL1001200 316SS	1" x 12" L	1	1	152
NPL125CL 304SS	1 1/4" x CLOSE	1	1	20
NPL125200 304SS	1 1/4" x 2"	1	1	25
NPL125250 304SS	1 1/4" x 2 1/2" L	1	1	34
NPL125300 304SS	1 1/4" x 3" L	1	1	43
NPL125350 304SS	1 1/4" x 3 1/2" L	1	1	51
NPL125400 304SS	1 1/4" x 4" L	1	1	61
NPL125500 304SS	1 1/4" x 5" L	1	1	81
NPL125600 304SS	1 1/4" x 6" L	1	1	96
NPL125800 304SS	1 1/4" x 8" L	1	1	132
NPL1251000 304SS	1 1/4" x 10" L	1	1	200
NPL1251200 304SS	1 1/4" x 12" L	1	1	201
NPL125CL 316SS	1 1/4" x CLOSE	1	1	20
NPL125200 316SS	1 1/4" x 2"	1	1	25
NPL125250 316SS	1 1/4" x 2 1/2" L	1	1	34
NPL125300 316SS	1 1/4" x 3" L	1	1	43
NPL125350 316SS	1 1/4" x 3 1/2" L	1	1	51
NPL125400 316SS	1 1/4" x 4" L	1	1	61
NPL125500 316SS	1 1/4" x 5" L	1	1	81
NPL125600 316SS	1 1/4" x 6" L	1	1	96
NPL125800 316SS	1 1/4" x 8" L	1	1	132
NPL1251000 316SS	1 1/4" x 10" L	1	1	200
NPL1251200 316SS	1 1/4" x 12" L	1	1	201
NPL150200 304SS	1 1/2" x 2"	1	1	25
NPL150250 304SS	1 1/2" x 2 1/2" L	1	1	47
NPL150300 304SS	1 1/2" x 3" L	1	1	53
NPL150350 304SS	1 1/2" x 3 1/2" L	1	1	64
NPL150400 304SS	1 1/2" x 4" L	1	1	75
NPL150500 304SS	1 1/2" x 5" L	1	1	88
NPL150600 304SS	1 1/2" x 6" L	1	1	114
NPL150800 304SS	1 1/2" x 8" L	1	1	151
NPL1501000 304SS	1 1/2" x 10" L	1	1	176
NPL1501200 304SS	1 1/2" x 12" L	1	1	243
NPL150200 316SS	1 1/2" x 2"	1	1	25
NPL150250 316SS	1 1/2" x 2 1/2" L	1	1	47
NPL150300 316SS	1 1/2" x 3" L	1	1	53
NPL150350 316SS	1 1/2" x 3 1/2" L	1	1	64
NPL150400 316SS	1 1/2" x 4" L	1	1	75
NPL150500 316SS	1 1/2" x 5" L	1	1	88
NPL150600 316SS	1 1/2" x 6" L	1	1	114
NPL150800 316SS	1 1/2" x 8" L	1	1	151
NPL1501000 316SS	1 1/2" x 10" L	1	1	176
NPL1501200 316SS	1 1/2" x 12" L	1	1	243
NPL200200 304SS	2" x 2"	1	1	33
NPL200250 304SS	2" x 2 1/2" L	1	1	47
NPL200300 304SS	2" x 3" L	1	1	60
NPL200350 304SS	2" x 3 1/2" L	1	1	80
NPL200400 304SS	2" x 4" L	1	1	100
NPL200500 304SS	2" x 5" L	1	1	127
NPL200600 304SS	2" x 6" L	1	1	152
NPL200800 304SS	2" x 8" L	1	1	204
NPL2001000 304SS	2" x 10" L	1	1	254
NPL2001200 304SS	2" x 12" L	1	1	305
NPL200200 316SS	2" x 2"	1	1	33
NPL200250 316SS	2" x 2 1/2" L	1	1	47
NPL200300 316SS	2" x 3" L	1	1	60
NPL200350 316SS	2" x 3 1/2" L	1	1	80
NPL200400 316SS	2" x 4" L	1	1	100
NPL200500 316SS	2" x 5" L	1	1	127
NPL200600 316SS	2" x 6" L	1	1	152
NPL200800 316SS	2" x 8" L	1	1	204
NPL2001000 316SS	2" x 10" L	1	1	254
NPL2001200 316SS	2" x 12" L	1	1	305

Stainless Steel Fittings

Couplings

COUPLINGS

UL File No. E-324286



RC50 304SS



Features:

- Designed for use with stainless threaded rigid conduit
- These stainless steel couplings are polished to a bright finish for increased corrosion resistance and improved appearance

Cat. #	Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	Length	Outside Dia.
RC50 304SS	1/2"	1	1	18	1.625"	1.01"
RC75 304SS	3/4"	1	1	26	1.650"	1.25"
RC100 304SS	1"	1	1	28	2.000"	1.53"
RC125 304SS	1 1/4"	1	1	41	2.040"	1.95"
RC150 304SS	1 1/2"	1	1	51	2.063"	2.16"
RC200 304SS	2"	1	1	69	2.125"	2.65"
RC250 304SS	2 1/2"	1	1	178	3.188"	3.25"
RC300 304SS	3"	1	1	229	3.313"	3.87"
RC400 304SS	4"	1	1	313	3.516"	4.88"
RC50 316SS	1/2"	1	1	18	1.625"	1.01"
RC75 316SS	3/4"	1	1	26	1.650"	1.25"
RC100 316SS	1"	1	1	28	2.000"	1.53"
RC125 316SS	1 1/4"	1	1	41	2.040"	1.95"
RC150 316SS	1 1/2"	1	1	51	2.063"	2.16"
RC200 316SS	2"	1	1	69	2.125"	2.65"
RC250 316SS	2 1/2"	1	1	178	3.188"	3.25"
RC300 316SS	3"	1	1	229	3.313"	3.87"
RC400 316SS	4"	1	1	313	3.516"	4.88"

Stainless Steel

THREE-PIECE COUPLINGS



191SS

Features:

- Designed to join and connect threaded ends of rigid conduit where neither length of conduit can be turned
- These stainless steel three-piece couplings are polished to a bright finish for increased corrosion resistance and improved appearance
- 316 stainless steel

Cat. #	Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	Overall Length	Major Nut Dia.	Major Body Dia.
191SS	3/4"	50	50	33	1.51"	1.51"	1.31"
192SS	1"	50	50	33	1.51"	1.66"	1.66"

Stainless Steel Fittings

Liquidtight Fittings

Applications:

- Used in tough, industrial and standard applications
- Made of strong, corrosion-resistant, 304 stainless steel for long, dependable service where superior corrosion resistance and/or strength is required

Features:

- Liquidtight, raintight, oiltight for protection and long life in wet, dusty and corrosive environments
- Hex shaped gland nut allows for easy wrenching, providing a fast, tight installation
- Suitable for wet locations
- Reusable, long ferrule prevents pull-out and tight bend conduit pop-out
- Furnished with locknut and sealing ring
- Third party certified
- Available in straight and 90 degree configurations
- Available in sizes 1/2" to 2"

Certifications and Compliances:

- UL Listed liquidtight flexible metal conduit fittings are suitable for use in the following hazardous locations under NEC:
 - Class I, Division 2;
 - Class II, Divisions 1 & 2; and
 - Class III, Divisions 1 & 2;
- Suitable for grounding in sizes 3/8" through 1 1/4" under NEC
- UL Standards 514B, 467
- cUL Standard C22.2 No. 18F
- UL File No. E-19189



Standard Materials:

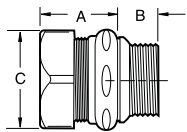
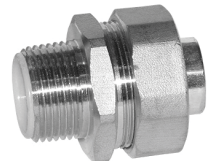
- Body – straight: 304 stainless steel
90°: 304 stainless steel
- Gland nut – 304 stainless steel
- Ferrule – steel
- Gland nut sealing ring – nylon
- Sealing gasket – polypropylene
- Locknut – stainless steel

Standard Finish:

- 304 stainless steel – natural

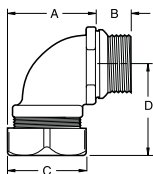
Stainless Steel

Straight Connectors – 304 Stainless Steel



Trade Size	Cat. # Insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C
1/2"	LTB50SS	25	21	1.250	0.500	1.250
3/4"	LTB75SS	25	28	1.250	0.500	1.563
1"	LTB100SS	5	46	1.438	0.625	1.813
1 1/4"	LTB125SS	5	57	1.500	0.688	2.250
1 1/2"	LTB150SS	2	68	1.625	0.750	2.438
2"	LTB200SS	1	103	1.750	0.750	3.000

90° Angle Connectors – 304 Stainless Steel



Trade Size	Cat. # Insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C	D
1/2"	LTB5090SS	25	30	1.438	0.500	1.250	1.625
3/4"	LTB7590SS	10	43	1.625	0.500	1.563	1.750
1"	LTB10090SS	10	73	2.313	0.625	1.813	2.125
1 1/4"	LTB12590SS	5	96	2.375	0.688	2.250	2.250
1 1/2"	LTB15090SS	2	104	3.688	0.750	2.438	2.375
2"	LTB20090SS	1	143	3.813	0.750	3.000	2.750

Stainless Steel Fittings

Sealing Gaskets & Locknuts

SEALING GASKETS (ORDER SEPARATELY)

Applications:

- To form a raintight seal between a conduit fitting and the outside of a box

Features:

- Gasket is designed to provide superior sealing for customer applications
- Constructed of stainless steel to provide extreme durability in the most corrosive applications

Certifications and Compliances:

- UL Listed
- cUL Listed

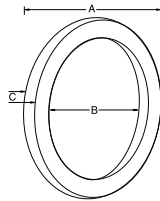


Standard Materials:

- Ring – stainless steel
- Gasket – neoprene rubber

Standard Finishes:

- Stainless steel – natural
- Neoprene rubber – natural



Trade Size	Cat. #	Unit Qty.	Wt. Lbs. Per 100	A	B	C
1/2"	SG1SS	50	50	1.125	0.813	0.188
3/4"	SG2SS	25	25	1.375	1.125	0.188
1"	SG3SS	25	25	1.625	1.313	0.188
1 1/4"	SG4SS	5	5	2.000	1.625	0.188
1 1/2"	SG5SS	5	5	2.250	1.875	0.188
2"	SG6SS	5	5	2.750	2.313	0.188

LOCKNUTS (ORDER SEPARATELY)

Applications:

- 316 stainless steel locknuts can be used with conduit or NPS threaded pipe

Features:

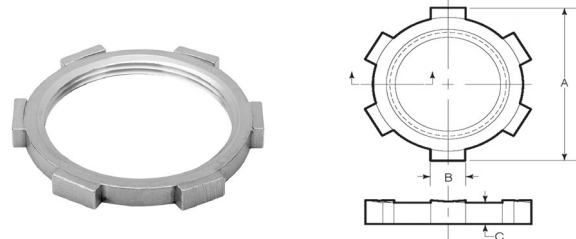
- Precision machined threads allow for easy installation
- Heavy stock thickness and specially designed tabs tighten securely and will not easily loosen even in the most severe applications

Standard Material:

- Locknut – stainless steel

Standard Finish:

- Stainless steel – natural



Trade Size	Cat. #	Unit Qty.	Wt. Lbs. Per 100	A	B	C	Threads/Inch
1/2"	11SS	1000	2	1.313	0.250	0.190	14.000
3/4"	12SS	500	3	1.613	0.312	0.220	14.000
1"	13SS	500	5	1.863	0.380	0.260	11.500
1 1/4"	14SS	100	7	2.250	0.380	0.260	11.500
1 1/2"	15SS	100	10	2.562	0.438	0.270	11.500
2"	16SST	100	21	3.063	0.602	0.280	11.500

Stainless Steel

Hot Dip Galvanized Products

Introduction to Hot Dip Galvanized Products

Hot Dip Galvanized Finish:

Hot dip galvanizing is a form of galvanization. It is the technology of coating by passing the product through a molten bath of zinc at high temperature. The process of hot dip galvanizing results in a metallurgical bond between zinc and steel with a series of distinct iron zinc alloys. The hot dip zinc coating produces a much thicker, durable coating which prevents corrosion of the protected product by forming a physical barrier and by acting as a sacrificial anode if this barrier is damaged.

Application Process:

The product is skimmed (to remove surface oils), run through an acid wash, water washed, run through a dip fluxing solvent (to enhance the coating adhesion), dry pre-heated (typically 120°C to 180°C), hot dip galvanized (typically 450°C to 480°C), water cooled and then passivated.

Applications:

- To provide corrosion protection against road salt and other harsh environmental factors
- To meet Department of Transportation, mass transit or other project specifications
- For infrastructure projects, including bridges, subways, railways and other modes of transportation; many U.S. roads, bridges and tollways are decades old and in need of repair; many of these rework/rebuild projects require hot dip galvanized products
- For governmental use (many government projects, federal and/or state, require the use of hot dip galvanized products)

Certifications and Compliances:

- Conforms to finish thickness per ASTM A123/A123M
- UL Standard 514B
- NEMA FB1

FORM 5 CONDUIT OUTLET BODIES, COVERS & GASKETS

Applications:

Form 5 Malleable Iron Conduit Bodies are used in conduit systems to:

- Act as pull outlets for conductors being installed
- Provide openings for making splices and taps in conductors
- Act as mounting outlets for lighting fixtures and wiring devices
- Connect conduit sections
- Provide taps for branch conduit runs
- Make 90 degree bends in conduit runs
- Provide for access to conductors for maintenance and future system changes

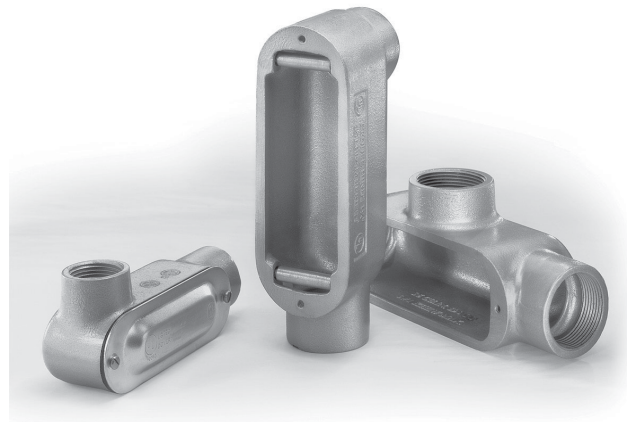
Features:

- Interchangeable with Appleton Form 35 Conduit Bodies
- Built-in rollers on 1 1/4" to 4" C and LB bodies to facilitate wire pulling
- Smooth and rounded integral bushings for protection of wire insulation
- Solid neoprene gaskets may be converted to open type by pulling out perforated center section
- Stainless steel cover screws
- Domed sheet steel covers provide additional cubic capacity
- Integral gasket cover provides NEMA 4 rating

Certifications and Compliances:

- UL File No. E-15022
- UL Standard 514B
- cUL to CSA Standard C22.2 No. 18

Form 35 is a registered trademark of Appleton Electric/EGS.



Standard Materials:

- Bodies – malleable iron
- Gaskets – neoprene
- Covers – sheet steel or malleable
- Cover screws – stainless steel

Standard Finishes:

- Malleable iron – hot dip galvanized
- Neoprene – natural
- Sheet steel – electrogalvanized
- Stainless steel – natural

Hot Dip Galvanized Products

Form 5

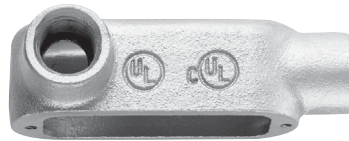
TYPE LB



Cat. #	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. No. of Conductors
LB50M HDG	1/2"	4.5	10	71	N/A
LB75M HDG	3/4"	7.5	10	97	3 #6 AWG
LB100M HDG	1"	12.5	10	143	3 #4 XHHW
LB125M HDG*	1 1/4"	32.0	5	287	3 #2 XHHW
LB150M HDG*	1 1/2"	35.3	5	331	3 #1/0 XHHW
LB200M HDG*	2"	73.0	1	534	3 #4/0 XHHW
LB250M HDG*	2 1/2"	142.0	1	1105	3 #300MCM XHHW
LB300M HDG*	3"	173.0	1	1160	3 #400MCM XHHW
LB350M HDG*	3 1/2"	292.0	1	1989	3 #500MCM XHHW
LB400M HDG*	4"	324.0	1	2099	3 #500MCM XHHW

*1 1/4" - 4" LB and C bodies supplied with built-in rollers to facilitate wire pulling.

TYPE LL



Cat. #	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. No. of Conductors
LL50M HDG	1/2"	4.5	10	76	N/A
LL75M HDG	3/4"	7.5	10	95	3 #6 AWG
LL100M HDG	1"	12.5	10	138	3 #4 XHHW
LL125M HDG	1 1/4"	32.0	5	309	3 #2 XHHW
LL150M HDG	1 1/2"	33.0	5	332	3 #2 XHHW
LL200M HDG	2"	68.0	1	497	3 #4/0 XHHW
LL250M HDG	2 1/2"	142.0	1	1105	3 #300MCM XHHW
LL300M HDG	3"	173.0	1	1437	3 #350MCM XHHW
LL350M HDG	3 1/2"	292.0	1	2321	3 #350MCM XHHW
LL400M HDG	4"	324.0	1	2431	3 #350MCM XHHW

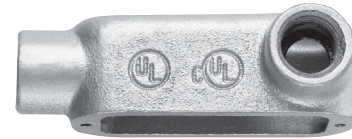
TYPE C



Cat. #	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. No. of Conductors
C50M HDG	1/2"	4.5	10	98	N/A
C75M HDG	3/4"	7.5	10	118	3 #6 AWG
C100M HDG	1"	12.5	10	170	3 #4 XHHW
C125M HDG*	1 1/4"	35.0	5	309	3 #2 XHHW
C150M HDG*	1 1/2"	35.3	5	368	3 #1/0 XHHW
C200M HDG*	2"	75.0	1	552	3 #4/0 XHHW
C250M HDG*	2 1/2"	153.0	1	1216	3 #300MCM XHHW
C300M HDG*	3"	181.0	1	1437	3 #300MCM XHHW
C350M HDG*	3 1/2"	290.0	1	2210	3 #350MCM XHHW
C400M HDG*	4"	320.0	1	2321	3 #350MCM XHHW

*1 1/4" - 4" LB and C bodies supplied with built-in rollers to facilitate wire pulling.

TYPE LR



Cat. #	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. No. of Conductors
LR50M HDG	1/2"	4.5	10	71	N/A
LR75M HDG	3/4"	7.5	10	100	3 #6 AWG
LR100M HDG	1"	12.5	10	157	3 #4 XHHW
LR125M HDG	1 1/4"	32.0	5	332	3 #2 XHHW
LR150M HDG	1 1/2"	35.3	5	345	3 #2 XHHW
LR200M HDG	2"	68.0	1	626	3 #4/0 XHHW
LR250M HDG	2 1/2"	142.0	1	1105	3 #300MCM XHHW
LR300M HDG	3"	173.0	1	1437	3 #350MCM XHHW
LR350M HDG	3 1/2"	292.0	1	2321	3 #350MCM XHHW
LR400M HDG	4"	324.0	1	2500	3 #350MCM XHHW

Hot Dip Galvanized

TYPE T

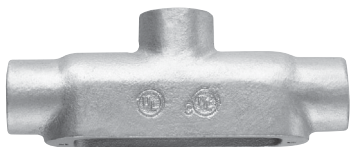


Cat. #	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. No. of Conductors
T50M HDG	1/2"	6.0	10	111	N/A
T75M HDG	3/4"	9.5	10	137	3 #6 AWG
T100M HDG	1"	15.0	10	196	3 #4 XHHW
T125M HDG	1 1/4"	33.0	5	332	3 #2 XHHW
T150M HDG	1 1/2"	36.0	5	368	3 #1 XHHW
T200M HDG	2"	76.0	1	663	3 #2/0 XHHW
T250M HDG	2 1/2"	142.0	1	1271	3 #300MCM XHHW
T300M HDG	3"	173.0	1	1547	3 #300MCM XHHW
T350M HDG	3 1/2"	292.0	1	2542	3 #350MCM XHHW
T400M HDG	4"	324.0	1	2542	3 #350MCM XHHW

Hot Dip Galvanized Products

Form 5

TYPE TB



Cat. #	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. No. of Conductors
TB50M HDG	1/2"	6.0	10	88	N/A
TB75M HDG	3/4"	9.5	10	120	3 #6 AWG
TB100M HDG	1"	15.0	10	197	3 #6 AWG
TB125M HDG	1 1/4"	33.0	5	342	3 #6 AWG
TB150M HDG	1 1/2"	36.0	5	420	3 #4 XHHW
TB200M HDG	2"	76.0	1	691	3 #1/0 XHHW

TYPE X



Cat. #	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. No. of Conductors
X50M HDG	1/2"	6.0	10	139	N/A
X75M HDG	3/4"	9.5	10	172	3 #6 AWG
X100M HDG	1"	15.0	10	247	3 #4 XHHW
X125M HDG	1 1/4"	33.0	5	416	3 #2 XHHW
X150M HDG	1 1/2"	36.0	5	463	3 #1/0 XHHW
X200M HDG	2"	76.0	1	833	3 #2/0 XHHW

SHEET STEEL COVERS



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
K50S	1/2"	50	9
K75S	3/4"	50	13
K100S	1"	25	19
K125S	1 1/4" and 1 1/2"	20	31
K200S	2"	5	50
K250S	2 1/2" and 3"	5	94
K350S	3 1/2" and 4"	5	138

CAST IRON COVERS



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
K50CM HDG	1/2"	50	23
K75CM HDG	3/4"	50	31
K100CM HDG	1"	25	41
K125CM HDG	1 1/4" and 1 1/2"	20	91
K200CM HDG	2"	5	208
K250CM HDG	2 1/2" and 3"	5	358
K350CM HDG	3 1/2" and 4"	5	550

NEOPRENE GASKETS – PERFORATED CENTER



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
GK50N	1/2"	100	2.0
GK75N	3/4"	100	2.0
GK100N	1"	50	2.9
GK125N	1 1/4" and 1 1/2"	25	5.0
GK200N	2"	25	8.0
GK250N	2 1/2" and 3"	25	16.0
GK350N	3 1/2" and 4"	25	26.4

INTEGRAL GASKET COVER – SHEET STEEL



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
K50SG	1/2"	50	14
K75SG	3/4"	50	16
K100SG	1"	25	46
K125SG	1 1/4" and 1 1/2"	20	62
K200SG	2"	5	70
K250SG	2 1/2" and 3"	5	190
K350SG	3 1/2" and 4"	5	340

Hot Dip Galvanized

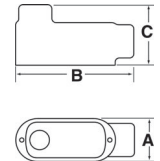
Hot Dip Galvanized Products

Form 5

Dimensions (in Inches):

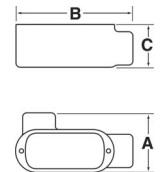
Type LB

Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
A	1.34	1.50	1.80	2.60	2.60	3.12	4.31	4.31	5.62	5.62
B	4.68	5.37	6.20	8.12	8.12	10.50	13.60	13.87	16.25	16.60
C	2.05	2.25	2.65	2.75	2.83	4.42	5.40	5.90	6.90	7.21



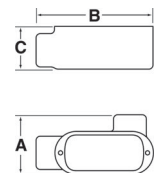
Type LL

Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
A	2.05	2.25	2.65	2.75	3.50	4.12	5.71	5.87	7.13	7.13
B	4.68	5.37	6.20	8.12	8.12	10.50	13.60	13.87	16.50	16.50
C	1.37	1.70	1.90	2.75	2.83	3.31	3.90	4.75	6.81	7.19



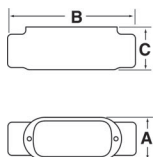
Type LR

Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
A	2.05	2.25	2.65	2.75	3.50	4.12	5.71	5.87	6.10	6.95
B	4.68	5.37	6.20	8.12	8.12	10.50	13.60	13.87	6.25	16.25
C	1.37	1.70	1.90	2.75	2.83	3.31	3.90	4.75	5.62	5.62



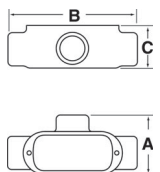
Type C

Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
A	1.34	1.50	1.80	2.60	2.60	3.12	4.31	4.31	4.88	4.88
B	5.38	6.00	7.05	9.00	9.00	11.50	15.00	15.12	18.13	18.13
C	1.37	1.70	1.90	2.75	2.83	3.31	3.90	4.75	5.19	5.56



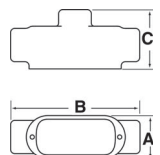
Type T

Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
A	2.05	2.25	2.65	2.75	3.50	4.12	5.71	5.87	6.81	7.15
B	5.38	6.00	7.05	9.00	9.00	11.50	15.00	15.12	18.13	18.13
C	1.34	1.50	1.80	2.60	2.60	3.12	4.31	4.31	5.19	5.56



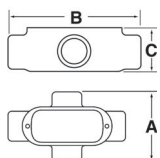
Type TB

Size	1/2	3/4	1	1 1/4	1 1/2	2
A	1.34	1.50	1.80	2.60	2.60	3.12
B	5.38	6.00	7.05	9.00	9.00	11.50
C	2.05	2.25	2.65	2.75	2.83	4.42



Type X

Size	1/2	3/4	1	1 1/4	1 1/2	2
A	2.79	2.93	3.56	4.43	4.43	5.40
B	5.41	6.08	7.10	9.10	9.10	11.75
C	1.75	1.97	2.25	2.55	2.75	3.45



Hot Dip
Galvanized

Hot Dip Galvanized Products

Mogul Bodies, Covers & Gaskets

Applications:

Mogul bodies are installed in conduit systems to:

- Act as pull outlets for conductors that are stiff, due to large size or type of insulation
- Provide the longer openings needed when pulling large conductors
- Prevent sharp bends and kinks in large conductors (protects insulation during installation)
- Provide ample openings for splices and taps
- Provide access to wiring for maintenance and future system changes

Features:

Mogul bodies have:

- Long openings
- Provision for easy bends
- Taper tapped hubs with integral bushings
- Stainless steel cover screws
- Covers are provided with integral gasket

Certifications and Complies:

- UL Standard 514B
- Fed. Spec.: W-C-586d
- CSA Standard C22.2 No. 18

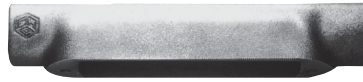
Standard Material:

- *Feraloy*[®] iron alloy

Standard Finish:

- *Feraloy* – hot dip galvanized

BC



Cat. #	Size
BC3 HDG	1"
BC4 HDG	1 1/4"
BC5 HDG	1 1/2"
BC6 HDG	2"
BC7 HDG	2 1/2"
BC8 HDG	3"
BC9 HDG	3 1/2"
BC10 HDG	4"

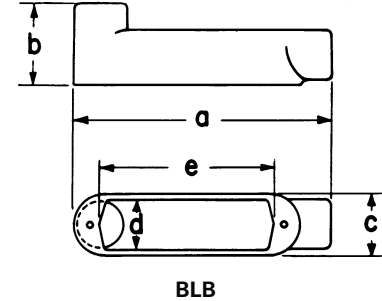
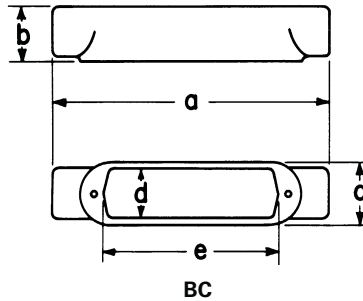
BLB†



Cat. #	Size
BLB3 HDG	1"
BLB4 HDG	1 1/4"
BLB5 HDG	1 1/2"
BLB6 HDG	2"
BLB7 HDG	2 1/2"
BLB8 HDG	3"
BLB9 HDG	3 1/2"
BLB10 HDG	4"

†For 5" size, use LBD012. For 6" size, use LBD014.

Dimensions (in Inches):



BC Series

Size	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
a	9 ⁹ / ₁₆	9 ⁹ / ₁₆	13 ³ / ₄	13 ³ / ₄	18 ³ / ₈	18 ³ / ₈	23 ³ / ₄	23 ³ / ₄
b	1 ⁷ / ₈	2 ⁵ / ₁₆	2 ⁹ / ₁₆	3 ¹ / ₈	3 ⁵ / ₈	4 ³ / ₈	4 ⁷ / ₈	5 ⁵ / ₈
c	2 ³ / ₁₆	2 ³ / ₁₆	3	3	4 ¹ / ₄	4 ¹ / ₄	5 ¹ / ₄	5 ¹ / ₄
d	1 ⁷ / ₈	1 ⁷ / ₈	2 ⁵ / ₈	2 ⁵ / ₈	3 ¹³ / ₁₆	3 ¹³ / ₁₆	4 ³ / ₄	4 ³ / ₄
e	6	6	10	10	15	15	20	20

BLB Series

Size	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
a	8 ¹⁹ / ₃₂	8 ¹⁹ / ₃₂	12 ¹¹ / ₁₆	12 ¹¹ / ₁₆	16 ²⁹ / ₃₂	16 ²⁹ / ₃₂	22 ¹ / ₈	22 ¹ / ₈
b	2 ²⁷ / ₃₂	3 ⁹ / ₃₂	3 ⁹ / ₈	4 ³ / ₁₆	5 ⁷ / ₃₂	5 ²⁷ / ₃₂	6 ¹ / ₂	7
c	2 ³ / ₁₆	2 ³ / ₁₆	3	3	4 ¹ / ₄	4 ¹ / ₄	5 ¹ / ₄	5 ¹ / ₄
d	1 ⁷ / ₈	1 ⁷ / ₈	2 ⁵ / ₈	2 ⁵ / ₈	3 ¹³ / ₁₆	3 ¹³ / ₁₆	4 ³ / ₄	4 ³ / ₄
e	6	6	10	10	15	15	20	20

Hot Dip Galvanized Products

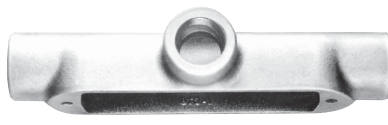
Mogul Bodies, Covers & Gaskets

BUB



Cat. #	Size
BUB3 HDG	1"
BUB4 HDG	1 1/4"
BUB5 HDG	1 1/2"
BUB6 HDG	2"
BUB7 HDG	2 1/2"
BUB8 HDG	3"
BUB9 HDG	3 1/2"
BUB10 HDG	4"

BT



Cat. #	Size
BT3 HDG	1"
BT4 HDG	1 1/4"
BT5 HDG	1 1/2"
BT6 HDG	2"
BT7 HDG	2 1/2"
BT8 HDG	3"
BT9 HDG	3 1/2"
BT10 HDG	4"

BLANK COVERS



Feraloy[®] iron alloy (for all Mogul Series except BUBXL)

Cat. #	With Round Neoprene Gasket	Size
BG48 HDG		1" or 1 1/4"
BG68 HDG		1 1/2" or 2"
BG88 HDG		2 1/2" or 3"
BG98 HDG		3 1/2" or 4"

BUBXL WITH COVER & GASKET



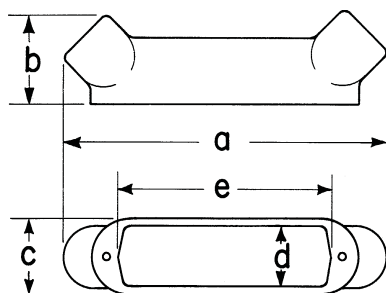
Cat. #	Size
BUBXL6 HDG	2"
BUBXL8 HDG	3"

BUBXL Features:

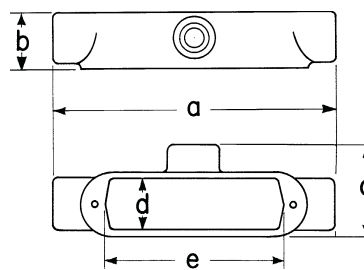
XL Mogul Conduit Bodies and Covers are designed to ease installation, saving time and money while maintaining the quality you have come to expect from Eaton's Crouse-Hinds Division.

- Larger internal volume provides additional space for bending and pulling large conductors (complies with the 6X wire bending rule)
- Rollers improve the ability to pull larger conductors and protect the insulation when the wire is being pulled, greatly reducing cut cable incidents
- Cover design takes less time to install and can be used as a solid or with the center removed for more internal volume

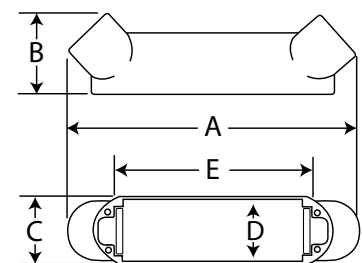
Dimensions (in Inches):



BUB



BT



BUBXL

BUB Series								
Size	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
a	9 3/16	9 3/16	13 1/2	13 1/2	17 3/4	17 7/8	23 3/8	23 1/4
b	2 11/16	3 3/16	3 1/2	4 1/8	4 13/16	5 5/8	6 3/8	6 13/16
c	2 3/16	2 7/16	3	3	4 1/4	4 1/4	5 1/4	5 1/4
d	1 7/8	1 7/8	2 5/8	2 5/8	3 13/16	3 13/16	4 3/4	4 3/4
e	6	6	10	10	15	15	20	20

BUBXL Series		
Size	2	3
a	15.28	22.85
b	4.07	5.58
c	3.00	4.25
d	2.25	3.38
e	12.25	15.25

BT Series								
Size	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
a	9 3/16	9 3/16	13 3/4	13 3/4	18 3/8	18 3/8	23 3/4	23 3/4
b	1 7/8	2 5/16	2 7/16	3 1/8	3 5/8	4 3/8	4 7/8	5 3/8
c	3 3/32	3 3/32	4 1/16	4 1/16	5 19/32	5 23/32	6 7/8	6 7/8
d	1 7/8	1 7/8	2 5/8	2 5/8	3 13/16	3 13/16	4 3/4	4 3/4
e	6	6	10	10	15	15	20	20

Hot Dip Galvanized Products

Three-piece Couplings, Clampbacks & Clamps

THREE-PIECE CONDUIT COUPLINGS – HOT DIP GALVANIZED MALLEABLE IRON

Applications:

- Used to join two lengths of threaded conduit; couples conduit when conduit cannot be turned

Standard Material:

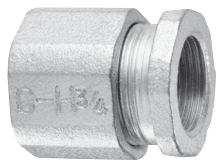
- Malleable iron

Standard Finish:

- Hot dip galvanized

Malleable Iron (Concrete Tight)

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
190M HDG	1/2"	25	23
191 HDG	3/4"	25	35
192 HDG	1"	10	60
193 HDG	1 1/4"	5	91
194 HDG	1 1/2"	5	167
195 HDG	2"	5	215
196 HDG	2 1/2"	2	430
197 HDG	3"	1	463
198 HDG	3 1/2"	1	655
199 HDG	4"	1	800
188 HDG†	5"	1	1200
189 HDG†	6"	1	2100

†Not UL Listed.

CLAMPBACKS/SPACERS – HOT DIP GALVANIZED IRON

Applications:

- To provide space between conduit and mounting surface

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
CB1 HDG	1/2"	25	8
CB2 HDG	3/4"	25	10
CB3 HDG	1"	25	12
CB4 HDG	1 1/4"	25	21
CB5 HDG	1 1/2"	25	42
CB6 HDG	2"	10	40
CB7 HDG	2 1/2"	10	49
CB8 HDG	3"	10	62
CB9 HDG	3 1/2"	10	91
CB10 HDG	4"	10	110
CB11 HDG†	5"	5	135
CB12 HDG†	6"	5	225

†Not UL Listed.

CLAMPS – HOT DIP GALVANIZED IRON

Applications:

- To support rigid conduit and IMC to mounting surface

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
510 HDG	1/2"	100	6
511 HDG	3/4"	50	8
512 HDG	1"	50	13
513 HDG	1 1/4"	25	20
514 HDG	1 1/2"	20	30
515 HDG	2"	10	64
516 HDG*	2 1/2"	5	104
517 HDG*	3"	2	120
518 HDG*	3 1/2"	2	150
519 HDG*	4"	2	220
520 HDG†	5"	1	380
521 HDG†	6"	1	690

*Also for use with thin wall (EMT) conduit.

†Not UL Listed.

CONDUIT CLAMPS – RIGHT ANGLE TYPE – HOT DIP GALVANIZED IRON

Applications:

- Right angle – to attach the conduit run at a 90° angle to a beam or structural member
- Parallel type – to attach the conduit run parallel to a beam or structural member



Cat. #	Size	Load Rating Lbs.	Wt. Lbs. Per 100
RAC50HD	1/2"	30	37
RAC75HD	3/4"	50	40
RAC100HD	1"	60	42
RAC125HD	1 1/4"	75	49
RAC150HD	1 1/2"	80	54
RAC200HD	2"	100	71
RAC250HD	2 1/2"	125	95
RAC300HD	3"	165	107
RAC350HD	3 1/2"	200	120
RAC400HD	4"	330	131

Hot Dip Galvanized Products

Conduit Hubs

CONDUIT HUBS – MECHANICALLY GALVANIZED MALLEABLE IRON

Applications:

- Ideal for terminating electrical conduit through the walls of enclosures
- Designed for use indoors or outdoors with rigid conduit and IMC, specific applications include food processing plants, distilleries, breweries, sewage disposal plants, chemical plants, paper processing mills and refineries

Features:

- Male thread type
- Tapered female thread for rigid conduit and IMC
- Recessed o-ring gasket assures raintight and secure environmental connections
- Insulated throat provides smooth pulling surface
- Locking screw on the nut doubles as a grounding screw for added safety
- Complete size range from 1/2" to 6"
- Hubs fit standard knockouts; no special tools required

Certifications and Compliances:

- Class I, Division 2
- Class II, Divisions 1 & 2
- Class III, Divisions 1 & 2
- UL Standard 514B
- UL Listed – Certified by UL to CSA Standard C22.2 No. 18
- NEMA: FB-1
- Suitable for wet locations



Standard Material:

- Malleable iron

Standard Finish:

- Mechanically galvanized

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
MHUB1 HDG	1/2"	25	18
MHUB2 HDG	3/4"	25	25
MHUB3 HDG	1"	5	50
MHUB4 HDG	1 1/4"	5	25
MHUB5 HDG	1 1/2"	2	20
MHUB6 HDG	2"	1	10
MHUB7 HDG	2 1/2"	1	10
MHUB8 HDG	3"	1	5
MHUB9 HDG	3 1/2"	1	5
MHUB10 HDG	4"	1	2
MHUB11 HDG	5"	1	1
MHUB12 HDG	6"	1	1

Hot Dip
Galvanized

Hot Dip Galvanized Products

FD Boxes & Covers

Applications:

Cast device boxes are installed to:

- Accommodate wiring devices
- Act as pull boxes for conductors in a conduit system
- Provide openings to make splices and taps in conductors
- Use indoors and outdoors
- Use in applications where boxes may be subjected to rough use

Features:

- Green ground screw is located on the flange of the box for easy ground wire termination and is standard on boxes
- Suitable for use in wet locations when used with gasket and flat blank covers
- Mounting lugs standard
- Tapered threaded hubs (NPT) with integral bushing
- Available as shallow (FS) or deep (FD) configuration
- Ample wiring room provided in either FS or FD configuration
- Wide selection of surface or flush covers available in three materials (sheet malleable, steel, aluminum)
- Malleable iron construction provides high tensile strength for strong, dependable service
- Covers are individually bagged and supplied with screws

Certifications and Complies:

- cULus
- cCSAus

Standard Material:

- Malleable iron

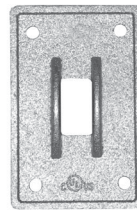
Standard Finish:

- Hot dip galvanized

FD COVERS – MALLEABLE



FBCM1 HDG



SWCM1 HDG



RCM1 HDG

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
FBCM1 HDG	Malleable Iron Flat Blank Cover	25	56
SWCM1 HDG	Malleable Iron Switch Cover	25	63
RCM1 HDG	Malleable Iron Duplex Receptacle Cover	25	55

FD BOXES



FDM1 HDG

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
FDM1 HDG	1/2"	2	278
FDM2 HDG	3/4"	2	273
FDM3 HDG	1"	2	284

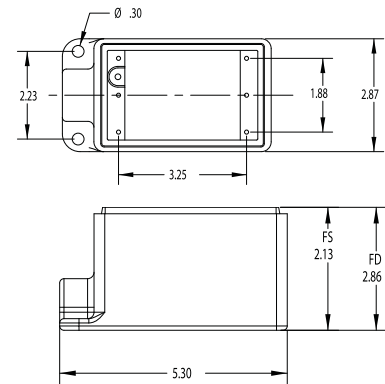
FDC BOXES



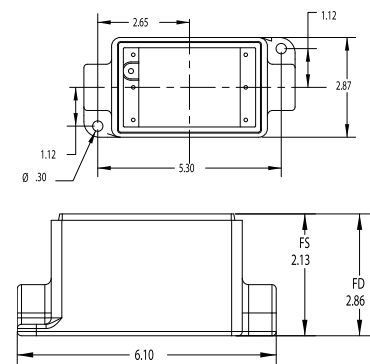
FDCM1 HDG

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
FDCM1 HDG	1/2"	2	313
FDCM2 HDG	3/4"	2	294
FDCM3 HDG	1"	2	306

FD Dimensions



FDC Dimensions



Hot Dip Galvanized Products

XJG Expansion Couplings

Applications:

XJG Expansion Couplings are used with rigid metal conduit and IMC:

- To couple together two sections of conduit subject to longitudinal movement
- In conduit runs to prevent damage to conduit supports such as in a building or on a bridge
- Indoors or outdoors in long conduit runs to permit linear movement caused by thermal expansion and contraction
- In conduit runs that cross structural joints
- On long conduit runs to prevent conduit from buckling and ensuing circuit failures

Features:

- Weatherproof and approved for use indoors or outdoors without an external bonding jumper
- Available in 1/2" through 6" trade sizes
- For use with rigid metal and IMC conduit
- Available in 4" and 8" maximum conduit movement
- Internal bonding springs and metallic bushings create high integrity internal ground connection and eliminate need for external bonding jumpers and clamps (up to 4" trade size)
- Optional redundant tinned copper bonding jumpers (BJ Series – ordered separately)
- UL Listed for use in wet locations
- Patented design

Certifications and Compliances:

- UL Standard 514B
- CSA 22.2 No. 18 3-12
- NEMA FB1
- Wet locations
- Third party certified as an effective grounding means (i.e. the path to ground is permanent and continuous), for two sections of conduit subject to expansion or contraction

Options:

- | | |
|--|---------------|
| Description | Suffix |
| • Available with redundant bonding jumper for visible indication of bonding (BJ Series)† (Order Separately) | |



Standard Materials and Finishes:

Body

- Steel – electrogalvanized
- Copper-free aluminum – natural
- *Feraloy*® iron alloy – electrogalvanized (5" and 6" only)

Reducer & Gland Nut

- 1/2" through 1": steel – hot dip galvanized
- 1 1/4" through 6": *Feraloy* iron alloy – hot dip galvanized
- Copper-free aluminum – natural

Packing

- PTFE composite

Washer & Bushing

- Steel – electrogalvanized

Gasket

- Vellum

Ground Springs

- Phosphor bronze – electrogalvanized

Ground Strap

- Braided tinned copper

U-bolts

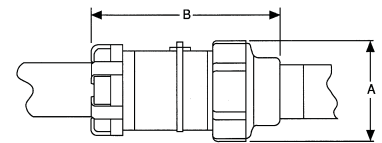
- Malleable iron – electrogalvanized



XJG Shown with Optional Bonding Jumper

**Bonding jumper width: 0.188";
height: 0.875"**

Dimensions (in Inches):



Conduit Size	Max. Conduit Movement	Cat. #	Optional Bonding Jumper†	A Dia.	B Length	Bonding Jumper Length
1/2"	4	XJG14 HDG	BJ14	1.75	6.75	20"
	8	XJG18 HDG	BJ18	1.75	10.75	30"
3/4"	4	XJG24 HDG	BJ24	2.12	6.75	20"
	8	XJG28 HDG	BJ28	2.12	10.75	30"
1"	4	XJG34 HDG	BJ34	2.43	7.25	20"
	8	XJG38 HDG	BJ38	2.43	11.25	30"
1 1/4"	4	XJG44 HDG	BJ44	3.19	7.56	24"
	8	XJG48 HDG	BJ48	3.19	11.56	30"
1 1/2"	4	XJG54 HDG	BJ54	3.68	7.87	24"
	8	XJG58 HDG	BJ58	3.68	11.87	30"
2"	4	XJG64 HDG	BJ64	4.75	8.25	24"
	8	XJG68 HDG	BJ68	4.75	12.25	30"
2 1/2"	4	XJG74 HDG	BJ74	4.87	9.31	24"
	8	XJG78 HDG	BJ78	4.87	13.31	36"
3"	4	XJG84 HDG	BJ84	5.37	10.00	30"
	8	XJG88 HDG	BJ88	5.37	14.00	36"
3 1/2"	4	XJG94 HDG	BJ94	6.62	9.81	30"
	8	XJG98 HDG	BJ98	6.62	13.81	36"
4"	4	XJG104 HDG	BJ104	6.62	9.81	30"
	8	XJG108 HDG	BJ108	6.62	13.81	36"
5"	8	XJ128 HDG‡	-	7.64	15.50	-
6"	8	XJ148 HDG‡	-	9.56	16.00	-

†XJG Expansion Couplings use a metallic bushing and ground springs to create a high integrity internal ground connection. External ground straps offer a redundant ground path and easy visible indication of ground.

‡XJ128 HDG and XJ148 HDG are not internally grounded. A pair of 36" bonding jumpers are provided with fitting.

Hot Dip Galvanized Products

XD Deflection Couplings

Applications:

XD Couplings can be installed indoors, outdoors, buried underground or embedded in concrete in non-hazardous areas. XDs are used with standard rigid conduit or PVC rigid conduit. (PVC requires rigid metal conduit nipples and rigid metal-to-PVC conduit adapters). XDs provide a flexible and watertight connection for protection of conduit wiring systems from damage due to movement.

Typical applications include:

- Underground conduit feeder runs
- Runs between sections of concrete subject to relative movement
- Runs between fixed structures
- Conduit entrances in high rise buildings
- Bridges
- Marinas, docks, piers

Features:

- XD Couplings accommodate the following movements without collapsing or fracturing the conduit, and damaging the wires it contains:
 1. Axial expansion or contraction up to $\frac{3}{4}$ "
 2. Angular misalignment of the axes of the coupled conduit runs in any direction to 30°
 3. Parallel misalignment of the axes of coupled conduit runs in any direction to $\frac{3}{4}$ "
- Inner sleeve maintains constant I.D. in any position and provides a smooth insulated wireway for protection of wire insulation
- Watertight flexible neoprene outer jacket is corrosion-resistant and protects the grounding strap and the attachment points of the hubs
- Tinned copper flexible braid grounding straps assure grounding continuity
- Stainless steel jacket clamps for strength and corrosion resistance
- Standard tapered electrical threads fit standard rigid conduit
- Integral hub bushing protects insulation of conductors

Standard Materials and Finishes:

Hubs:

- *Feraloy*® iron alloy – hot dip galvanized

Outer Jacket:

- Molded neoprene – natural (black)

Jacket Clamps:

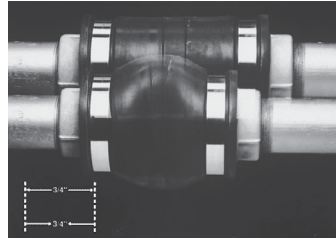
- Stainless steel – natural

Inner Sleeve:

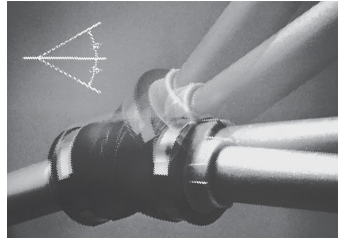
- Molded plastic – natural (brown)

Bonding Strap:

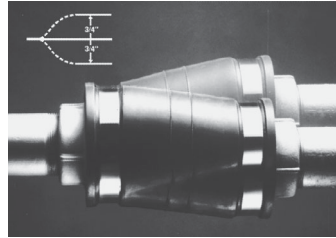
- Braided tinned copper



1. Axial expansion/contraction

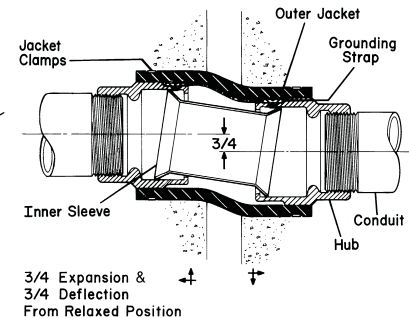
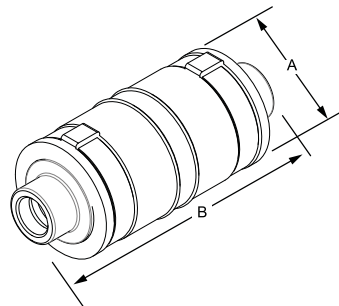


2. Angular misalignment



3. Parallel misalignment

Dimensions (in Inches):



Certifications and Compliances:

- UL Standard 514B
- CSA 22.2 No. 18 3-12
- Wet locations

Size Ranges:

- 1" to 6" (smaller sizes can be obtained by using reducing bushings)

Conduit Size	Cat. #	A Dia.	B Length
1"	XD3 HDG*	7	3 ¹⁵ / ₁₆
1 ¹ / ₄ "	XD4 HDG	7 ³ / ₈	4 ¹ / ₄
1 ¹ / ₂ "	XD5 HDG	7 ¹ / ₄	4 ¹ / ₂
2"	XD6 HDG	7 ¹ / ₄	4 ¹⁵ / ₁₆
2 ¹ / ₂ "	XD7 HDG	7 ¹ / ₂	5 ⁵ / ₁₆
3"	XD8 HDG	7 ⁵ / ₈	5 ¹⁵ / ₁₆
3 ¹ / ₂ "	XD9 HDG	7 ³ / ₄	6 ¹ / ₂
4"	XD010 HDG	7 ⁷ / ₈	6 ¹⁵ / ₁₆
5"	XD012 HDG	7 ³ / ₄	8
6"	XD014 HDG	8 ³ / ₈	9

* $\frac{3}{4}$ " trade size can be created using third party certified 1" - $\frac{3}{4}$ " reducing bushings.

Hot Dip Galvanized

Hot Dip Galvanized Products

W-Series Junction Boxes

Applications:

Junction boxes, designed for hazardous and non-hazardous locations, are used in a variety of industries to perform the following functions:

- As a pull box
- To provide enclosures for splices and taps
- As a mounting box for multi-device control stations
- For housing apparatus, instruments and other devices

Considerations for Selection:

- Environmental location – the physical location of the junction box will call for proper construction of the box to meet National Electrical Code requirements and will affect the material and finish needed to meet weather and corrosive conditions, if present.
- Number and size of conductors – combined with the function to be performed (i.e. splicing, pull box), determines the amount of space needed, and therefore, the required physical dimensions of the box.
- Conduit layout – determines the number, size and location of the conduit openings in the box. It will also determine the type of mounting required (i.e. flush or surface positioning of the box).
- Flexibility required – if changes in the electrical system are anticipated, the box chosen should be easily adaptable, either by construction or size to the future system.

Options and Accessories:

A wide variety of options and accessories for special application are available for the various junction box families. These can be selected once the type of junction box has been determined. These options are shown on the individual pages. Some of the options available include:

- Special covers
- Hinged covers
- Materials and finishes
- Equipment mounting plates
- Conduit or device openings
- *Corro-free*™ epoxy powder coat – information available upon request

Quick Selector Chart:

Junction Box	Environmental Capability/ Type Designation	Size Range† L, W, D Inside	Max. Conduit Opening Size	Mtg.	Cover Type	Cover Material
WAB	Raintight/Type 3, 4 Dusttight/Type 12	4 x 4 x 2 to 8 x 8 x 6	4	Surface	Unflanged	Steel
WJB	Raintight/Type 3 Watertight/Type 4	4 x 4 x 4 to 36 x 24 x 24	6	Surface	Flanged	Steel
WJBF	Raintight/Type 3 Watertight/Type 4	4 x 4 x 4 to 36 x 24 x 24	6	Flush	External Flanged Recessed Sidewalk	Steel (Checkered)

†Length and width are inside dimensions. Depth is inside dimension without cover.

Drilled & Tapped Conduit Openings or Slip Holes:

All W-Series Cast Iron Junction Boxes may be ordered with drilled and tapped conduit openings or slip holes – subject to minimum spacing limitations.

To order a box from the factory with conduit openings, consult factory.

Hot Dip
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WJBF Junction Boxes

Applications:

WJBF Junction Boxes are primarily designed for surface mounting. These heavy duty boxes are installed in conduit systems to:

- Act as pull box for conductors
- Provide openings and space for making splices and taps in conductors
- Provide for branch conduit runs
- Provide access to conductors for maintenance and future system changes
- Enclose and protect electrical equipment

Features:

- Covers are suitable for vehicular traffic (H2O loading)
- Neoprene gasket cemented to cover
- Wide range of drilled and tapped conduit entrance sizes and locations permits extreme flexibility of use in conduit system
- Internal equipment mounting pads may be drilled and tapped for 1/4"-20 mounting screws
- Blind tapped into internal mounting pads
- Mounting straps are standard on smaller sized boxes up to 8" x 8" x 6"; for larger sizes, consult factory

Certifications and Compliances:

- Weatherproof
- Watertight
- NEMA 3, 4, 5
- NEMA 250
- CEC†:
 - Class II, Division 1, Groups E, F, G
 - Class III
 - Encl. 3, 4, 5
- H2O Vehicle Load Rating*

*Self-certify to H2O vehicle load rating equivalent to 16,000 lbs. on cover center.
 †cUL certified for sizes up to 8" x 8" x 6".

Standard Materials:

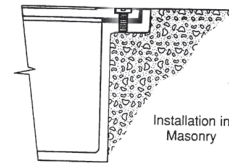
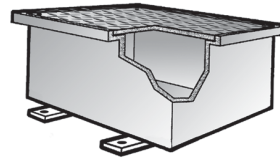
- Body – iron alloy
- Cover and mounting straps – heavy gauge steel (checkered)
- Gaskets – neoprene
- Cover screws – stainless steel

Standard Finish:

- Iron alloy and heavy gauge steel – hot dip galvanized

Options:

- | | |
|--|------------------------|
| Description | Suffix |
| • Factory installed mounting plate | MP |
| • Drilled and tapped conduit holes and slip holes..... | Consult Factory |



Cat. #	Wall Thickness (In.)	Length (In.)	Width (In.)	Depth (In.)
WJBF040404	1/4	4	4	4
WJBF060404	1/4	6	4	4
WJBF060604	1/4	6	6	4
WJBF060606	1/4	6	6	6
WJBF080604	1/4	8	6	4
WJBF080804	1/4	8	8	4
WJBF080806	1/4	8	8	6
WJBF080808	1/4	8	8	8
WJBF100806	1/4	10	8	6
WJBF101008	1/4	10	10	8
WJBF120806	1/4	12	8	6
WJBF120808	1/4	12	8	8
WJBF121206	1/4	12	12	6
WJBF121208	1/4	12	12	8
WJBF121212	5/16	12	12	12
WJBF140806	1/4	14	8	6
WJBF141410	5/16	14	14	10
WJBF161206	1/4	16	12	6
WJBF161208	1/4	16	12	8
WJBF161606	1/4	16	16	6
WJBF180806	1/4	18	8	6
WJBF180808	1/4	18	8	8
WJBF181006	5/16	18	10	6
WJBF181206	5/16	18	12	6
WJBF181208	5/16	18	12	8
WJBF181210	3/8	18	12	10
WJBF241208	3/8	24	12	8
WJBF241212	3/8	24	12	12
WJBF241808	3/8	24	18	8
WJBF242412	3/8	24	24	12
WJBF242418	3/8	24	24	18
WJBF242424	3/8	24	24	24
WJBF362418	3/8	36	24	18
WJBF362424	3/8	36	24	24

Hot Dip Galvanized

Hot Dip Galvanized Products

WJB Junction Boxes

Applications:

WJB Junction Boxes are primarily designed for surface mounting. These heavy duty boxes are installed in conduit systems to:

- Act as pull box for conductors
- Provide openings and space for making splices and taps in conductors
- Provide for branch conduit runs
- Provide access to conductors for maintenance and future system changes
- Enclose and protect electrical equipment

Features:

- Covers are suitable for vehicular traffic (H2O loading)
- Neoprene cover gasket
- Wide range of drilled and tapped conduit entrance sizes and locations permits extreme flexibility of use in conduit system
- Internal equipment mounting pads may be drilled and tapped for 1/4"-20 mounting screws
- Blind tapped into internal mounting pads
- Mounting straps are standard on smaller sized boxes up to 8" x 8" x 6"; for larger sizes, consult factory

Certifications and Compliances:

- Weatherproof
- Watertight
- NEMA 3, 4, 5
- NEMA 250
- CECT:
 - Class II, Groups E, F, G
 - Class III
 - Encl. 3, 4, 5

tcUL certified for sizes up to 8" x 8" x 6".

Standard Materials:

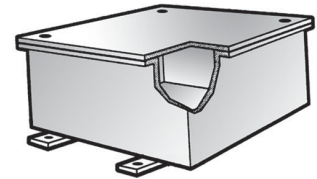
- Body – iron alloy
- Cover and mounting straps – heavy gauge steel
- Gaskets – neoprene
- Cover screws – stainless steel

Standard Finish:

- Iron alloy and heavy gauge steel – hot dip galvanized

Options:

- | Description | Suffix |
|--|------------------------|
| • Factory installed mounting plate | MP |
| • Drilled and tapped conduit holes and slip holes..... | Consult Factory |



Cat. #	Wall Thickness (In.)	Length (In.)	Width (In.)	Depth (In.)
WJB040404	1/4	4	4	4
WJB060404	1/4	6	4	4
WJB060604	1/4	6	6	4
WJB060606	1/4	6	6	6
WJB080604	1/4	8	6	4
WJB080804	1/4	8	8	4
WJB080806	1/4	8	8	6
WJB080808	1/4	8	8	8
WJB100806	1/4	10	8	6
WJB101008	1/4	10	10	8
WJB120806	1/4	12	8	6
WJB120808	1/4	12	8	8
WJB121206	5/16	12	12	6
WJB121208	5/16	12	12	8
WJB121212	5/16	12	12	12
WJB140806	5/16	14	8	6
WJB141410	5/16	14	14	10
WJB161206	5/16	16	12	6
WJB161208	5/16	16	12	8
WJB161606	5/16	16	16	6
WJB180806	5/16	18	8	6
WJB180808	5/16	18	8	8
WJB181006	5/16	18	10	6
WJB181206	5/16	18	12	6
WJB181208	5/16	18	12	8
WJB181210	5/16	18	12	10
WJB241208	3/8	24	12	8
WJB241212	3/8	24	12	12
WJB241808	3/8	24	18	8
WJB242412	3/16	24	24	12
WJB242418	3/16	24	24	18
WJB242424	3/16	24	24	24
WJB362418	3/16	36	24	18
WJB362424	3/16	36	24	24

Hot Dip Galvanized

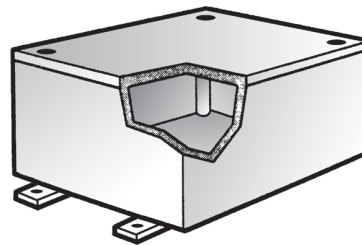
Hot Dip Galvanized Products

WAB Junction Boxes

Applications:

Where a heavy duty dustproof, weatherproof enclosure is desired, WAB Junction Boxes are installed in conduit systems to:

- Act as pull box for conductors
- Provide openings and space for making splices and taps in conductors
- Provide for branch conduit runs
- Provide access to conductors for maintenance and future system changes
- Enclose and protect electrical devices



Features:

- Flat neoprene cover gasket
- Wide range of drilled and tapped and slip hole conduit entrance sizes and locations permits extreme flexibility of use in conduit system
- Internal equipment mounting pads available blind tapped for 1/4"-20 mounting screws
- Blind tapped into internal mounting pads
- Mounting straps are standard on smaller sized boxes up to 8" x 8" x 6"; for larger sizes, consult factory

Cat. #	Wall Thickness (In.)	Length (In.)	Width (In.)	Depth (In.)
WAB040402	5/32	4	4	2
WAB040403	3/16	4	4	3
WAB040404	1/4	4	4	4
WAB060604	3/16	6	6	4
WAB060606	3/32	6	6	6
WAB080606	5/16	8	6	6
WAB080804	5/16	8	8	4
WAB080806	5/16	8	8	6

Certifications and Compliances:

- Dusttight
- Weatherproof
- NEMA 3, 4, 12
- NEMA 250

Standard Materials:

- Body – iron alloy
- Cover – heavy gauge steel
- Gaskets – neoprene
- Cover screws – stainless steel
- Mounting straps – steel

Standard Finish:

- Iron alloy and heavy gauge steel – hot dip galvanized

Options:

- | Description | Suffix |
|--|------------------------|
| • Factory installed mounting plate | MP |
| • Drilled and tapped conduit holes and slip holes..... | Consult Factory |

Hot Dip Galvanized

Hot Dip Galvanized Products

W-Series Junction Boxes Drilling & Tapping Information

DRILLED & TAPPED CONDUIT OPENINGS OR SLIP HOLES

All W-Series Cast Iron Junction Boxes may be ordered with drilled and tapped conduit openings or slip holes – subject to minimum spacing limitations listed in Table 1.

To order a box from the factory with conduit openings:

Option 1:

Send in a sketch of the box with openings specified (subject to spacing limitations specified in Table 1) **OR**

Option 2:

Step 1: Select one of the four standard arrangements in Table 2, based on number and location of conduit entries.

Step 2: Pick a symbol from Table 3 for each opening in the arrangement (see example).

Step 3: Table 4 lists the maximum size and number of conduit openings by box size and the spacing dimensions. Use Table 4 to verify the openings selected are permitted.

Example – Catalog Number Logic:

- Select box required: WJB121208.
- User wants one 1/2" drilled and tapped hole in the top of the box, two 1" drilled and tapped holes on both sides and three 1/2" slip holes in the bottom of the box.
- Select arrangement 3 because it allows up to three openings per side.
- Next, the symbols for the openings are substituted and written in clockwise order starting with location "a". The catalog number is written in three parts: part 1 – box number, part 2 – arrangement number, part 3 – symbols for the conduit openings.
- For this example, the box would be ordered as:

WJB121208-3-0AO C0C 1A1A1A C0C

Box Cat. #	Arrangement #	Symbols for Openings
WJB121208	3	0AO C0C 1A1A1A C0C

Table 1

Minimum spacing between centers of conduits

Conduit Size	6"	5"	4"	3 1/2"	3"	2 1/2"	2"	1 1/2"	1 1/4"	1"	3/4"	1/2"
1/2"	5	4 3/8	3 5/8	3 3/8	3	2 7/8	2 3/8	2	1 7/8	1 3/4	1 5/8	1 1/2
3/4"	5 1/8	4 1/2	3 3/4	3 1/2	3 1/8	2 3/4	2 1/2	2 1/8	2	1 7/8	1 3/4	
1"	5 1/4	4 5/8	4	3 5/8	3 1/4	3	2 5/8	2 3/8	2 1/4	2		
1 1/4"	5 1/2	4 7/8	4 1/8	3 7/8	3 1/2	3 1/8	2 7/8	2 1/2	2 3/8			
1 1/2"	5 5/8	5	4 1/4	4	3 5/8	3 1/4	3	2 5/8				
2"	6	5 3/8	4 5/8	4 1/4	3 7/8	3 3/8	3 1/4					
2 1/2"	6 1/4	5 5/8	4 7/8	4 5/8	4 1/4	3 7/8						
3"	6 5/8	6	5 3/8	5	4 5/8							
3 1/2"	7	6 1/4	5 5/8	5 1/4								
4"	7 1/4	6 5/8	5 7/8									
5"	8	7 1/4										
6"	8 5/8											

Table 2

Standard conduit arrangements

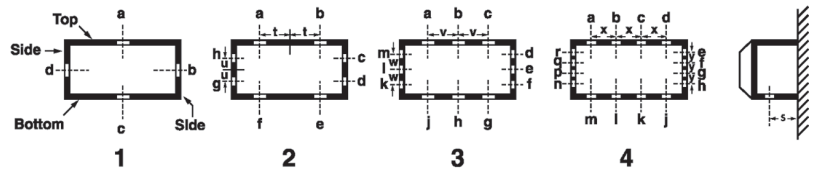
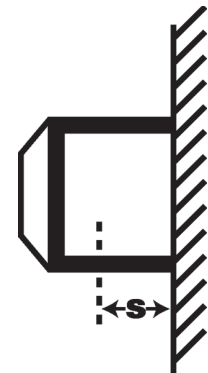


Table 3

Symbols for openings

Conduit Size	Drilled & Tapped Hole	Slip Hole
1/2"	A	1A
3/4"	B	1B
1"	C	1C
1 1/4"	E	1E
1 1/2"	F	1F
2"	G	1G
2 1/2"	H	1H
3"	J	1J
3 1/2"	K	1K
4"	L	1L
5"	M	1M
6"	N	1N
None	0 (Zero)	0 (Zero)



S = Dimension from Wall to Hole Center Line

Hot Dip Galvanized

Hot Dip Galvanized Products

W-Series Junction Boxes Drilling & Tapping Information

DRILLED & TAPPED CONDUIT OPENINGS OR SLIP HOLES

Table 4

W-Series Cat. #	Maximum Size and Number of Drilled and Tapped Conduit Openings														
	Top and Bottom†				Sides				Spacing Dimensions*						
	1	2	3	4	1	2	3	4	s	t	u	v	w	x	y
040402	3/4	3/4	-	-	3/4	3/4	-	-	1 1/4	7/8	7/8	-	-	-	-
040403	1 1/4	3/4	-	-	1 1/4	3/4	-	-	1 5/8	7/8	7/8	-	-	-	-
040404	2	3/4	-	-	2	3/4	-	-	2 1/4	7/8	7/8	-	-	-	-
050503	1 1/4	3/4	-	-	1 1/4	3/4	-	-	1 5/8	1 1/4	1 1/4	-	-	-	-
050504	2	1	-	-	2	1	-	-	2 1/4	1 1/4	1 1/4	-	-	-	-
060403	1 1/4	3/4	3/4	-	1 1/4	3/4	-	-	1 5/8	1 3/8	7/8	1 3/4	-	-	-
060404	2	1 1/2	3/4	-	2	3/4	-	-	2 1/4	1 3/8	7/8	1 3/4	-	-	-
060603	1 1/4	1 1/4	3/4	-	1 1/4	1 1/4	3/4	-	1 1/4	1 3/8	1 3/8	1 3/4	1 3/4	-	-
060604	2	1 1/2	3/4	-	2	1 1/2	3/4	-	2 1/4	1 3/8	1 3/8	1 3/4	1 3/4	-	-
060606	4	1 1/2	3/4	-	4	1 1/2	3/4	-	3 3/8	1 3/8	1 3/8	1 3/4	1 3/4	-	-
080403	1 1/4	1 1/4	1	3/4	1 1/4	3/4	-	-	1 5/8	1 5/8	7/8	2 1/2	-	-	-
080604	2	2	1	3/4	2	1 1/2	3/4	-	2 1/4	1 5/8	1 3/8	2 1/2	1 3/4	1 3/4	-
080606	4	2	1	3/4	4	1 1/2	3/4	-	3 3/8	1 5/8	1 3/8	2 1/2	1 3/4	1 3/4	-
080804	2	2	1	3/4	2	2	1	3/4	2 1/4	1 5/8	1 3/8	2 1/2	2 1/2	1 3/4	1 3/4
080806	4	2	1	3/4	4	2	1	3/4	3 3/8	1 5/8	1 3/8	2 1/2	2 1/2	1 3/4	1 3/4
080808	4	2	1	3/4	4	2	1	3/4	4 1/4	1 5/8	1 3/8	2 1/2	2 1/2	1 3/4	1 3/4
090604	2	1 1/4	1 1/2	1	2	1 1/2	3/4	-	2 1/4	2 1/4	1 3/8	3	1 3/4	2	-
100604	2	2	1 1/2	1	2	1 1/2	3/4	-	2 1/4	2 1/2	1 3/8	2 3/4	1 3/4	2 1/2	-
100804	2	2	1 1/2	1	2	2	1	3/4	2 1/4	2 1/2	1 5/8	2 3/4	2 1/2	2 1/2	1 3/4
100806	4	3	1 1/2	1	4	2	1	3/4	3 3/8	2 1/2	1 5/8	2 3/4	1 3/4	2 1/2	1 3/4
100808	5	3	1 1/2	1	5	2	1	3/4	4 1/2	2 1/2	1 5/8	2 3/4	2 1/2	2 1/2	1 3/4
101006	4	3	1 1/2	1	4	3	1 1/2	1	2 3/8	2 1/2	2 1/2	2 3/4	2 3/4	2 1/2	2 1/2
101008	5	3	1 1/2	1	5	3	1 1/2	1	4 1/4	2 1/2	2 1/2	2 3/4	2 3/4	2 1/2	2 1/2
120604	2	2	2	1 1/2	2	1 1/2	3/4	-	2 1/4	3	1 3/8	4	1 3/4	2 3/4	-
120606	4	4	2 1/2	1 1/2	4	1 1/2	3/4	-	3 3/8	3	1 3/8	4	1 3/4	2 3/4	-
120806	4	4	2 1/2	2 1/2	4	2	1	3/4	3 3/8	3	1 5/8	4	2 1/2	2 3/4	1 3/4
120808	5	4	2 1/2	2 1/2	5	2	1	3/4	4 1/4	3	1 5/8	4	2 1/2	2 3/4	1 1/4
121204	2	2	2	1 1/2	2	2	2	1 1/2	2 1/4	3	3	4	4	2 3/4	2 3/4
121206	4	4	2 1/2	1 1/2	4	4	2 1/2	1 1/2	3 3/8	3	3	4	4	2 3/4	2 3/4
121208	5	4	2 1/2	1 1/2	5	4	2 1/2	1 1/2	4 1/4	3	3	4	4	2 3/4	2 3/4
121212	6	4	2 1/2	1 1/2	6	4	2 1/2	1 1/2	5	3	3	4	4	2 3/4	2 3/4
121218	6	4	2 1/2	1 1/2	6	4	2 1/2	1 1/2	5	3	3	4	4	2 3/4	2 3/4
140806	4	4	3	2	4	2	1	3/4	3 3/8	3 1/2	1 5/8	4 1/2	2 1/2	3 1/2	1 3/4
141206	4	4	3	2	4	4	2 1/2	1 1/2	3 3/8	3 1/2	3	4 1/2	4	3 1/2	2 3/4
141410	6	4	3	2	6	4	3	2	5	3 1/2	3 1/2	4 1/2	4 1/2	3 1/2	3 1/2
160606	4	4	3 1/2	2 1/2	4	1 1/2	3/4	-	3 3/8	4	1 1/2	5 3/8	2	4	-
160806	4	4	3 1/2	2 1/2	4	2 1/2	1 1/2	3/4	3 3/8	4	2	5 3/8	2 3/8	4	2
161206	4	4	3 1/2	2 1/2	4	4	2 1/2	1 1/2	3 3/8	4	3	5 3/8	4	4	3
161208	5	5	3 1/2	2 1/2	5	4	2 1/2	1 1/2	4 1/4	4	3	5 3/8	4	4	3
161606	4	4	3 1/2	2 1/2	4	4	3 1/2	2 1/2	3 3/8	4	4	5 3/8	5 3/8	4	4
180806	4	4	4	2 1/2	4	2 1/2	1 1/4	3/4	3 3/8	4 1/2	2	6	2 5/8	4 1/2	2
180808	5	5	4	2 1/2	5	2 1/2	1 1/4	3/4	4 1/4	4 1/2	2	6	2 5/8	4 1/2	2
181206	4	4	4	2 1/2	4	4	2 1/2	1 1/2	3 3/8	6 1/2	2 1/8	5 1/2	3 3/8	4	2 3/4
181208	5	5	4	2 1/2	5	4	2 1/2	1 1/2	4 1/4	4 1/2	3	5 1/2	4	4	2 3/4
181210	6	5	4	2 1/2	6	4	2 1/2	1 1/2	5	4 1/4	3	5 1/2	4	4	2 3/4

*Spacing dimensions apply to drilled and tapped holes. Space has been provided for a locknut and bushing when drilled and tapped holes are required.
†Top and bottom are the longer dimensions on enclosures which are not square.

Hot Dip Galvanized

Hot Dip Galvanized Products

W-Series Junction Boxes Drilling & Tapping Information

DRILLED & TAPPED CONDUIT OPENINGS OR SLIP HOLES

Table 4 (continued)

W-Series Cat. #	Maximum Size and Number of Drilled and Tapped Conduit Openings														
	Top and Bottom†				Sides				Spacing Dimensions*						
	1	2	3	4	1	2	3	4	s	t	u	v	w	x	y
181212	6	5	4	2½	6	4	2½	1½	5	4½	3	5½	4	4	2¼
181218	6	5	4	2½	6	4	2½	1½	5	4½	3	5½	4	4	2¼
181806	4	4	4	2½	5	5	4	2½	3¾	4½	4	6	5¾	4½	4
181808	5	5	4	2½	5	5	3½	2½	4¼	4½	4	6	5¾	4½	4
181812	6	6	4	2½	6	6	4	2½	5	4½	4½	6	6	4½	4½
240606	4	4	4	4	4	1½	¾	-	3¾	6¼	1¾	8	1¾	6	-
240808	5	5	5	4	5	2½	1¼	¾	4¼	6¼	4½	8	2¾	6	2
241010	6	6	5	4	6	3	1½	1	5	6½	2½	7	2¾	5¾	2½
241208	5	5	5	4	5	4	2½	1½	4¼	6½	2¾	7	3¾	5¾	2¾
241210	6	6	5	4	6	4	2½	1½	5	6½	3	7	4	5¾	2¾
241212	6	6	5	4	6	4	2½	1½	5	6½	2¾	7	3¾	5¾	2¾
241808	5	5	5	4	5	5	4	2½	4¼	6½	4½	7	5¾	5¾	4
241810	6	6	5	4	6	6	4	2½	5	6½	4½	7	5¾	5¾	4
241812	6	6	5	4	6	5	4	2½	5	6½	4½	7	5¾	5¾	4
242408	5	5	5	4	5	5	5	4	4¼	6½	6½	7	7½	5¾	5¾
242412	6	6	5	4	6	6	5	4	5	6½	6½	7	7½	5¾	5¾
242424	6	6	5	4	6	6	5	4	6½	6¾	6½	7	7½	5¾	5¾
302412	6	6	6	5	6	6	5	4	5	7½	6¾	10	8	7½	6
361212	6	6	6	6	6	4	2½	1½	5	8¾	3	12	4	9	2¾
361812	6	6	6	6	6	5	4	2½	5	8¾	4½	12	4½	9	4
362412	6	6	6	6	6	6	5	4	5	8¾	6¾	12	8	9	6
363612	6	6	6	6	6	6	6	6	5	8¾	8¾	12	12	9	9

*Spacing dimensions apply to drilled and tapped holes. Space has been provided for a locknut and bushing when drilled and tapped holes are required.
†Top and bottom are the longer dimensions on enclosures which are not square.

Thin Wall Conduit Fittings (for EMT Conduit)

Set Screw Type Fittings – Product of the USA

PRODUCT OF THE USA FITTINGS

Applications:

Product of the USA conduit fittings are used:

- To join EMT to a box or enclosure
- To couple two ends of EMT conduit

Features:

- All connectors available with or without insulated throat
- Hex surfaces on fitting body and compression nut for easy wrenching
- Couplings utilize a ridge center stop for easy identification of adequate conduit sealing within the coupling
- Set screw connectors and couplings utilize a #2 combination head screw for secure installation
- Thick steel conduit locknut provides a strong, secure installation
- Made in the USA

Certifications and Compliances:

- cULus Listed
- Set screw connectors and couplings – concrete tight when tapped

Standard Materials and Finishes:

- Steel
- Zinc electroplated

Straight Connectors – Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1450US	1/2"	50	10
1451US	3/4"	25	14
1452US	1"	20	23
1453US	1 1/4"	5	40
1454US	1 1/2"	5	52
1455US	2"	20	80
1456US	2 1/2"	6	142
1457US	3"	6	183
1458US	3 1/2"	3	250
1459US	4"	3	283

Straight Connectors – Non-insulated

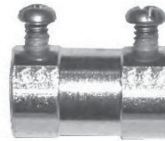
UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
450SUS	1/2"	50	10
451US	3/4"	25	14
452US	1"	20	23
453US	1 1/4"	5	40
454US	1 1/2"	5	52
455US	2"	20	80
456US	2 1/2"	6	142
457US	3"	6	183
458US	3 1/2"	3	250
459US	4"	3	283

Couplings

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
460US	1/2"	50	10
461US	3/4"	25	15
462US	1"	10	24
463US	1 1/4"	5	44
464US	1 1/2"	5	68
465US	2"	20	90
466US	2 1/2"	5	158
467US	3"	3	217
468US	3 1/2"	2	250
469US	4"	2	283

Product of the USA

Thin Wall Conduit Fittings (for EMT Conduit)

Compression Type Fittings – Product of the USA

PRODUCT OF THE USA FITTINGS

Applications:

Product of the USA conduit fittings are used:

- To join EMT to a box or enclosure
- To couple two ends of EMT conduit

Features:

- All connectors available with or without insulated throat
- Hex surfaces on fitting body and compression nut for easy wrenching
- Couplings utilize a ridge center stop for easy identification of adequate conduit sealing within the coupling
- Set screw connectors and couplings utilize a #2 combination head screw for secure installation
- Thick steel conduit locknut provides a strong, secure installation
- Made in the USA

Certifications and Compliances:

- cULus Listed
- Compression connectors and couplings – concrete tight

Standard Materials and Finishes:

- Steel
- Zinc electroplated

Connectors – Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1650US	1/2"	50	8
1651US	3/4"	25	12
1652US	1"	20	19
1653US	1 1/4"	5	30
1654US	1 1/2"	5	46
1655US	2"	5	55
1656US	2 1/2"	5	242
1657US	3"	3	307
1658US	3 1/2"	3	390
1659US	4"	2	492

Connectors – Non-insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
650SUS	1/2"	50	8
651SUS	3/4"	25	12
652US	1"	20	19
653US	1 1/4"	5	30
654US	1 1/2"	5	46
655US	2"	5	55
656US	2 1/2"	5	242
657US	3"	3	307
658US	3 1/2"	3	390
659US	4"	2	492

Couplings

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
660SUS	1/2"	50	8
661SUS	3/4"	25	13
662US	1"	20	19
663US	1 1/4"	5	30
664US	1 1/2"	5	46
665US	2"	5	60
666US	2 1/2"	5	360
667US	3"	3	405
668US	3 1/2"	2	545
669US	4"	2	635

Product of
the USA

Thin Wall Conduit Fittings (for EMT Conduit)

Compression Type Fittings – Product of the USA – Raintight

PRODUCT OF THE USA FITTINGS

Applications:

Product of the USA conduit fittings are used:

- To join EMT to a box or enclosure in raintight environments
- To prevent water seepage into conduit, box or enclosure

Features:

- Flat surface on gland nut provides smooth, flat surface for easy wrenching
- Integral gasketed compression ring secures and seals for reliable installation
- Gasket on male threads of box connector seals installation for raintight connection between the box and the connector
- Available in insulated and non-insulated versions to meet any customer preference
- Angled teeth on locknut for secure bite into enclosure
- Extruded locknut with shoulder provides more threads for more secure installation
- Concrete tight
- Product of the USA

Certifications and Compliances:

- cULus Listed
- Concrete tight
- Raintight

Standard Materials and Finishes:

- Steel
- Zinc electroplated

Connectors – Insulated – Raintight

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1650RTUS	1/2"	50	8
1651RTUS	3/4"	25	12
1652RTUS	1"	20	19
1653RTUS	1 1/4"	5	30
1654RTUS	1 1/2"	5	46
1655RTUS	2"	5	55
1656RTUS	2 1/2"	1	242
1657RTUS	3"	1	307
1658RTUS	3 1/2"	1	390
1659RTUS	4"	1	492

Connectors – Non-insulated – Raintight

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
650RTUS	1/2"	50	8
651RTUS	3/4"	25	12
652RTUS	1"	20	19
653RTUS	1 1/4"	5	30
654RTUS	1 1/2"	5	46
655RTUS	2"	5	55
656RTUS	2 1/2"	1	242
657RTUS	3"	1	307
658RTUS	3 1/2"	1	390
659RTUS	4"	1	492

Couplings – Raintight

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
660RTUS	1/2"	50	8
661RTUS	3/4"	25	13
662RTUS	1"	20	19
663RTUS	1 1/4"	5	30
664RTUS	1 1/2"	5	46
665RTUS	2"	5	60
666RTUS	2 1/2"	1	360
667RTUS	3"	1	405
668RTUS	3 1/2"	1	545
669RTUS	4"	1	635

Product of the USA

Thin Wall Conduit Fittings (for EMT Conduit)

Conduit Fittings – Product of the USA

STRAPS – STEEL GALVANIZED PRODUCT OF THE USA

Two Hole

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
497 1US	1/2"	250	2
497 2US	3/4"	150	3
497 3US	1"	100	5
497 4US	1 1/4"	50	8
497 5US	1 1/2"	50	13
497 6US	2"	25	14

CLAMPS – STEEL PRODUCT OF THE USA

Applications:

- To support EMT conduit to mounting surface

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
200US	1/2"	100	5
201US	3/4"	100	6
202US	1"	100	6
203US*	1 1/4"	50	13
204US*	1 1/2"	25	17
205US*	2"	25	20
206US*	2 1/2"	25	64
207US*	3"	25	71
208US*	3 1/2"	25	120
209US*	4"	10	130

*Not UL Listed or cUL Listed.

NAILING STRAPS – STAMPED STEEL PRODUCT OF THE USA

Applications:

- To secure EMT conduit

Standard Material:

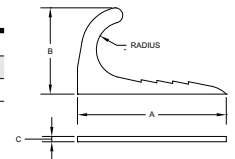
- Pre-galvanized stamped steel



Cat. #	Conduit Size	Unit Qty.	Wt. Lbs. Per 100
NSS1US	1/2"	100	2
NSS2US	3/4"	100	2
NSS3US	1"	100	3

Dimensions (in Inches):

Cat. #	A	B	C	Radius
NSS1US	2.100	1.040	0.080	0.350
NSS2US	2.300	1.275	0.080	0.460
NSS3US	2.200	1.500	0.080	0.580



Product of
the USA

Rigid/Intermediate Grade Conduit Fittings

Conduit Fittings – Product of the USA

THREE-PIECE CONDUIT COUPLINGS – STEEL PRODUCT OF THE USA

Applications:

- To join two lengths of threaded conduit; couples conduit when conduit cannot be turned

Standard Material:

- Heavy duty casting

Standard Finish:

- Zinc plated

Steel

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
190US	1/2"	20	36
191US	3/4"	20	32
192US	1"	5	55
193US	1 1/4"	5	119
194US	1 1/2"	5	140
195US	2"	5	199

STRAPS – STEEL GALVANIZED PRODUCT OF THE USA

Applications:

- Used to secure rigid conduit or IMC to mounting surface

Two Hole

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
496 3US	1/2"	150	2
496 4US	3/4"	100	3
496 5US	1"	50	7
496 6US	1 1/4"	50	8
496 7US	1 1/2"	50	10
496 8US	2"	25	15
496 9US	2 1/2"	25	19
496 10US	3"	25	23
496 11US	3 1/2"	25	93
496 12US	4"	10	108

CLAMPS – STEEL PRODUCT OF THE USA

Applications:

- To support rigid conduit and IMC to mounting surface



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
410US	1/2"	100	5
411US	3/4"	50	6
412US	1"	50	11
413US	1 1/4"	50	13
414US	1 1/2"	25	20
415US	2"	25	22

CONDUIT LOCKNUTS – STEEL PRODUCT OF THE USA

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
11USA	1/2"	200	1
12USA	3/4"	100	2
13USA	1"	50	4
14USA	1 1/4"	50	7
15USA	1 1/2"	25	8
16USA	2"	25	9

BEAM CLAMPS/INSULATOR SUPPORTS – STEEL PRODUCT OF THE USA



Cat. #	Base Size	Jaw Opening	Tapped Holes	Unit Qty.	Wt. Lbs. Per 100
529SUS	3/4"	5/8"	1/4" - 20	300	13

Product of the USA

Rigid/Intermediate Grade Conduit Fittings

Conduit Fittings – Product of the USA

TYPE CPR COMPRESSION FITTINGS PRODUCT OF THE USA

Applications:

Use Type CPR Product of the USA Compression Fittings for:

- Both IMC and metallic rigid conduit
- New work in poured concrete
- Maintenance, repairs and alterations
- Connections at panels and boxes
- New, altered or damaged stub-ups
- Applicable locations where field threading is impractical or undesirable

Features:

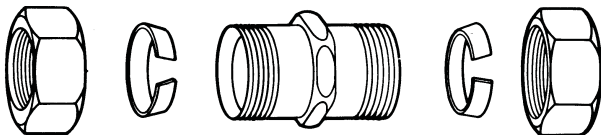
- UL Listed for use with IMC as well as metallic rigid conduit
- Unequaled versatility for the installer
- Unique gland ring design tightens up in fewer turns; provides outstanding pull-out strength; saves time and adds confidence
- Advanced, thoughtful design and premium materials team up for an installation you can be proud of

Certifications and Compliances:

- UL514B Fittings for Conduit and Outlet Boxes

Standard Materials:

- Bodies – steel
- Compression nuts – steel
- Compression rings – zinc plated steel
- Locknuts – zinc plated steel
- Insuliners – glass-reinforced polypropylene



Straight Connectors – Insulated

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
CPR11US	1/2"	25	13
CPR12US	3/4"	20	20
CPR13US	1"	5	36
CPR14US	1 1/4"	5	48
CPR15US	1 1/2"	5	70
CPR16US	2"	5	100

Straight Connectors – Non-insulated

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
CPR1US	1/2"	25	13
CPR2US	3/4"	20	20
CPR3US	1"	5	36
CPR4US	1 1/4"	5	48
CPR5US	1 1/2"	5	70
CPR6US	2"	5	100

Couplings

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
CPR21US	1/2"	20	16
CPR22US	3/4"	20	24
CPR23US	1"	5	48
CPR24US	1 1/4"	5	64
CPR25US	1 1/2"	5	110
CPR26US	2"	3	140

CABLE AND CONDUIT HANGERS – STEEL PRODUCT OF THE USA

Certifications and Compliances:

- UL Listed

With Bolt

UL File No. E-184283



Cat. #	Conduit Size		Unit Qty.	Wt. Lbs. Per 100
	EMT	Rigid		
0BUS	1/2"	3/8" and 1/2"	100	6
1BUS	3/4"	3/4"	100	6
2BUS	1"	1"	100	8
2 1/2BUS	1 1/4"	-	100	10
3BUS	1 1/2"	1 1/4"	100	11
4BUS	-	1 1/2"	100	16
5BUS	2"	2"	50	23
6BUS	2 1/2"	2 1/2"	50	29
7BUS	3"	3"	25	31
8BUS	3 1/2"	3 1/2"	10	38
9BUS	4"	4"	10	38

Liquidtight Fittings

Liquidtight Conduit Fittings – Product of the USA

Applications:

- Used in tough, industrial and standard applications
- Used in government funded projects or projects that require domestic made material

Features:

- Liquidtight, raintight, oiltight for protection and long life in wet, dusty and corrosive environments
- Hex shaped gland nut allows for easy wrenching, providing a fast, tight installation
- Suitable for wet locations
- Reusable, long ferrule prevents pull-out and tight bend conduit pop-out
- Furnished with locknut and sealing ring
- Third party certified
- Available in straight, 90 and 45 degree configurations
- Available in sizes $\frac{3}{8}$ " to 4"

Certifications and Compliances:

- UL Listed liquidtight flexible metal conduit fittings are suitable for use in the following hazardous locations under NEC:
 - Class I, Division 2;
 - Class II, Divisions 1 & 2; and
 - Class III, Divisions 1 & 2;
 - Suitable for grounding in sizes $\frac{3}{8}$ " through $1\frac{1}{4}$ " under NEC
- UL Standards 514B, 467
- cUL Standard C22.2 No. 18F
- UL File No. E-19189



Standard Materials:

- Body – straight: steel
45°: malleable iron
90°: malleable iron
- Gland nut – steel
- Ferrule – steel
- Gland nut sealing ring – nylon
- Sealing gasket – polypropylene
- Locknut – steel

Standard Finishes:

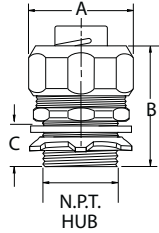
- Steel – zinc electroplate
- Malleable iron – zinc electroplate

Product of
the USA

Liquidtight Fittings

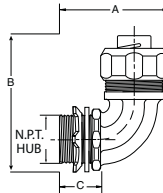
Liquidtight Conduit Fittings – Product of the USA

Straight Connectors – Steel (1/2" to 2"); Malleable Iron (2 1/2" to 4")



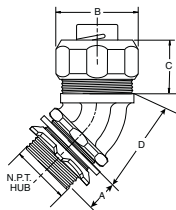
Trade Size	Cat. # Non-insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C
1/2"	LT50 US	25	13	1.190	1.340	0.630
3/4"	LT75 US	20	20	1.430	1.430	0.630
1"	LT100 US	5	36	1.750	1.630	0.660
1 1/4"	LT125 US	5	48	2.160	1.840	0.670
1 1/2"	LT150 US	5	70	2.380	2.000	0.720
2"	LT200 US	5	100	2.880	2.130	0.720
2 1/2"	LT250 US	1	260	4.000	3.250	1.500
3"	LT300 US	1	360	4.630	3.880	1.500
3 1/2"	LT350 US	1	445	5.500	4.000	1.500
4"	LT400 US	1	520	5.820	4.000	1.630

90° Angle Connectors – Malleable Iron



Trade Size	Cat. # Non-insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C
1/2"	LT5090 US	10	24	1.250	1.660	0.590
3/4"	LT7590 US	5	38	1.530	1.780	0.590
1"	LT10090 US	5	70	1.840	2.190	0.660
1 1/4"	LT12590 US	5	88	1.940	2.380	0.690
1 1/2"	LT15090 US	2	125	2.090	2.630	0.720
2"	LT20090 US	1	180	2.410	3.060	0.720
2 1/2"	LT25090 US	1	625	8.000	9.250	1.500
3"	LT30090 US	1	900	8.750	10.500	1.500
3 1/2"	LT35090 US	1	1000	10.930	11.500	1.500
4"	LT40090 US	1	1500	12.630	13.000	1.500

45° Angle Connectors – Malleable Iron



Trade Size	Cat. # Non-insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C	D
1/2"	LT5045 US	10	23	0.590	1.190	1.320	1.030
3/4"	LT7545 US	5	32	0.590	1.430	1.380	1.130
1"	LT10045 US	5	53	0.660	1.750	1.660	1.250
1 1/4"	LT12545 US	5	69	0.690	2.160	1.720	1.340
1 1/2"	LT15045 US	3	99	0.720	2.380	2.000	1.470
2"	LT20045 US	1	152	0.720	2.880	2.280	1.630
2 1/2"	LT25045 US	1	478	1.500	4.000	2.250	4.750
3"	LT30045 US	1	775	1.500	4.630	2.500	5.500
3 1/2"	LT35045 US	1	880	1.560	5.250	2.500	6.500
4"	LT40045 US	1	1000	1.630	5.810	2.500	7.750

Product of the USA

CG Series Color-coded Cord Grips

Conduit Fittings – Product of the USA

Applications:

CG Series Color-coded Cord Grips with neoprene bushings are for use with portable cords, including S, SO, STO, ST, SJ, SJT, SJTO and SVO.

CG Cord Grips are installed to:

- Provide a means for passing a cord into an enclosure
- Form a watertight seal for cord
- Provide pull-out protection for cord, ensuring a secure connection

Features:

- Neoprene bushings are color-coded by cable diameter for quick and easy identification of proper cord grip
- Rugged construction protects cord from damage
- Compact design permits close spacing of fittings on panel applications
- Tightening one nut creates watertight seal
- Male tapered thread NPT



Certifications and Compliances:

- UL Standard 514B
- UL File No. E-23223
- CSA Standard C22.2 No. 18
- Suitable for NEMA 4 enclosures and other wet locations
- Suitable for use in Class I, Division 2 hazardous locations when installed in accordance with NEC 501.10(B)(2)

Standard Materials:

- Body – 1/2" through 1": steel
- Nut – steel
- Bushing – neoprene

Standard Finishes:

- Body (steel) – electrogalvanized
- Nut (steel) – electrogalvanized

Straight Connectors

Cat. #	Size	Color	Cable Range Min.	Cable Range Max.	Unit Qty.	Wt. Lbs. Per 100
CG50 250US	1/2"	Red	0.15	0.25	25	10
CG50 350US	1/2"	White	0.25	0.35	25	10
CG50 450US	1/2"	Blue	0.35	0.45	25	10
CG50 560US	1/2"	Green	0.45	0.56	25	10
CG50 650US	1/2"	Brown	0.55	0.65	25	10
CG75 250US	3/4"	Red	0.15	0.25	10	14
CG75 350US	3/4"	White	0.25	0.35	10	14
CG75 450US	3/4"	Blue	0.35	0.45	10	14
CG75 560US	3/4"	Green	0.45	0.56	10	14
CG75 650US	3/4"	Brown	0.55	0.65	10	14
CG75 750US	3/4"	Yellow	0.65	0.75	10	14
CG75 850US	3/4"	Purple	0.75	0.85	10	14
CG100 560US	1"	Green	0.45	0.56	5	20
CG100 650US	1"	Brown	0.55	0.65	5	20
CG100 750US	1"	Yellow	0.65	0.75	5	20
CG100 850US	1"	Purple	0.75	0.85	5	20
CG100 950US	1"	Gray	0.85	0.95	5	20
CG100 1050US	1"	Black	0.95	1.05	5	20

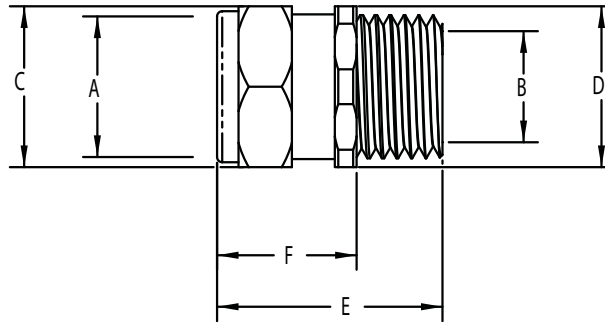


Product of the USA

CG Series Color-coded Cord Grips

Conduit Fittings – Product of the USA

Dimensions (in Inches):



Cat. #	Size	Cable Ranges		Max. Cable	Cross Corner	Hex Body	Overall Length	Exposed Length
		Min.	Max.					
CG50 250US	1/2"	0.150	0.250	0.640	1.070	0.975	1 5/16	13/16
CG50 350US	1/2"	0.250	0.350	0.640	1.070	0.975	1 5/16	13/16
CG50 450US	1/2"	0.350	0.450	0.640	1.070	0.975	1 5/16	13/16
CG50 560US	1/2"	0.450	0.560	0.640	1.070	0.975	1 5/16	13/16
CG50 650US	1/2"	0.560	0.650	0.640	1.070	0.975	1 5/16	13/16
CG75 250US	3/4"	0.150	0.250	0.687	1.070	1.220	1 5/16	13/16
CG75 350US	3/4"	0.250	0.350	0.687	1.070	1.220	1 5/16	13/16
CG75 450US	3/4"	0.350	0.450	0.687	1.070	1.220	1 5/16	13/16
CG75 560US	3/4"	0.450	0.560	0.687	1.070	1.220	1 5/16	13/16
CG75 650US	3/4"	0.560	0.650	0.687	1.070	1.220	1 5/16	13/16
CG75 750US	3/4"	0.650	0.750	0.845	1.330	1.220	1 9/16	1 1/32
CG75 850US	3/4"	0.750	0.850	0.845	1.330	1.220	1 9/16	1 1/32
CG100 560US	1"	0.450	0.560	0.937	1.330	1.500	1 3/4	1 1/8
CG100 650US	1"	0.560	0.650	0.937	1.330	1.500	1 3/4	1 1/8
CG100 750US	1"	0.650	0.750	0.937	1.330	1.500	1 3/4	1 1/8
CG100 850US	1"	0.750	0.850	0.937	1.330	1.500	1 3/4	1 1/8
CG100 950US	1"	0.850	0.950	1.050	1.625	1.500	1 7/8	1 3/16
CG100 1050US	1"	0.950	1.050	1.050	1.625	1.500	1 7/8	1 3/16

Product of
the USA

Switch & Outlet Boxes – Technical Data

General Information:

A box, with or without a bracket or bar hanger, intended for support of a fixture/luminaire weighing 50 lbs. or less is marked "FOR FIXTURE/LUMINAIRE SUPPORT" on the carton to indicate that the box is intended for fixture/luminaire support. A box, with or without a bracket or bar hanger, intended for support of a fixture/luminaire weighing more than 50 lbs. is marked with the weight of the fixture/luminaire to be supported. Metallic device boxes and device plaster rings have not been investigated for support of a ceiling fixture/luminaire unless marked for use in ceilings, walls and with the weight of the product to be supported. Metallic device boxes intended to be installed in an existing structure have been investigated for the support of utilization equipment weighing not more than 6 lbs.

Article 314 of the National Electrical Code® (NEC®) covers the installation and use of boxes. The article includes table references that guide the electrician in the selection of the proper size box necessary to safely accommodate electrical service requirements. The box capacity table is reproduced in part from NEC as a quick reference and guide. The NEC should be consulted for complete details.

Eaton's Crouse-Hinds Series products are produced in accordance with the requirements of UL514A, UL514B and UL514C, and are classified for fire resistance according to the standard, Fire Tests of Building Construction and Materials, ANSI/UL263, ASTM E 119 and NFPA 251. This listing is based on products when used in a fire rated (2 HR) wall or ceiling. Eaton's Crouse-Hinds Series steel boxes are listed with UL File No. E-23156 and Eaton's Crouse-Hinds Series non-metallic boxes are listed with UL File No. E-102328 and UL (2 HR fire rated) File No. R9933.

Eaton's Crouse-Hinds Series switch and outlet boxes comply with the requirements of NEMA Standard OS-1, NFPA 70-370 and Federal Spec. #W-J-800E.

Under File No. E-23156, Eaton's Crouse-Hinds Series concentric and "moon" KO style boxes, the following is stated "Suitable for bonding without any additional bonding means around concentric (or eccentric) knockouts where used in circuits above or below 250V."

Wall thickness on all steel boxes is 0.0625" with minimum galvanization thickness of G60.

Table 314.16(A) Metal Boxes

Box Dimension (In.)	Min.	Maximum Number of Conductors (arranged by AWG size)						
	Cu. In.	No. 18	No. 16	No. 14	No. 12	No. 10	No. 8	No. 6
Trade Size or Type	Cap.							
4 x 1 1/4 Round or Octagonal	12.5	8	7	6	5	5	4	2
4 x 1 1/2 Round or Octagonal	15.5	10	8	7	6	6	5	3
4 x 2 1/8 Round or Octagonal	21.5	14	12	10	9	8	7	4
4 x 1 1/4 Square	18.0	12	10	9	8	7	6	3
4 x 1 1/2 Square	21.0	14	12	10	9	8	7	4
4 x 2 1/8 Square	30.3	20	17	15	13	12	10	6
4 1/16 x 1 1/4 Square	25.5	17	14	12	11	10	8	5
4 1/16 x 2 1/2 Square	29.5	19	16	14	13	11	9	5
4 1/16 x 2 1/8 Square	42.0	28	24	21	18	16	14	8
3 x 2 x 1 1/2 Device	7.5	5	4	3	3	3	2	1
3 x 2 x 2 Device	10.0	6	5	5	4	4	3	2
3 x 2 x 2 1/4 Device	10.5	7	6	5	4	4	3	2
3 x 2 x 2 1/2 Device	12.5	8	7	6	5	5	4	2
3 x 2 x 2 3/4 Device	14.0	9	8	7	6	5	4	2
3 x 2 x 3 1/2 Device	18.0	12	10	9	8	7	6	3
4 x 2 1/8 x 1 1/2 Device	10.3	6	5	5	4	4	3	2
4 x 2 1/8 x 1 1/8 Device	13.0	8	7	6	5	5	4	2
4 x 2 1/8 x 2 1/8 Device	14.5	9	8	7	6	5	4	2
3 3/4 x 2 x 2 1/2 Masonry Box/Gang	14.0	9	8	7	6	5	4	2
3 3/4 x 2 x 3 1/2 Masonry Box/Gang	21.0	14	12	10	9	8	7	4
FS-Minimum Internal Depth 1 3/4 Single Cover Gang	13.5	9	7	6	6	5	4	2
FD-Minimum Internal Depth 2 3/8 Single Cover Gang	18.0	12	10	9	8	7	6	3
FS-Minimum Internal Depth 1 3/4 Multiple Cover Gang	18.0	12	10	9	8	7	6	3
FD-Minimum Internal Depth 2 3/8 Multiple Cover Gang	24.0	16	13	12	10	9	8	4

Outlet Boxes

Table 314.16(B) Volume Required per Conductor

Size of Conductor	Free Space Within Box for Each Conductor
No. 18	1.5 cubic inches
No. 16	1.75 cubic inches
No. 14	2 cubic inches
No. 12	2.25 cubic inches
No. 10	2.5 cubic inches
No. 8	3 cubic inches
No. 6	5 cubic inches

For SI units: one cubic inch = 16.4 cm³.

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Switch & Outlet Boxes – Technical Data

OUTLET BOXES & COVERS

Eaton's Crouse-Hinds Division has assembled one of the most complete outlet box product lines in the business. We've been leading in quality and selection for decades, and throughout the steel outlet box offering, you will find innovative products and solutions that save labor, cut material costs and increase productivity.

We have a complete offering of:

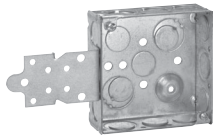
- 4" and 4¹/₁₆" square drawn and welded boxes
- 4" square and 4¹/₁₆", switch, masonry, utility, outlet, ceiling, fan and gangable boxes
- Drawn boxes available with concentric knockouts, combining 1/2" and 3/4" knockout
- Complete line of covers, partitions, extension rings and accessories
- Uni-Mount™ covers
- PRE-formance™ products
- Pre-assembled boxes which includes Uni-Mount cover attached to 4" square box
- Pre-fabricated boxes which includes Uni-Mount cover attached to 4" square box with ground screw and lead installed
- Fire alarm boxes and covers



Standard Materials – Steel Covers, Outlet and Switch Boxes:

- Steel boxes and covers are made of .0625 inch thick pre-galvanized sheet steel
- Handy box covers are made of .030 inch thick galvanized sheet steel

BRACKETS USED ON BOXES



"F" BRACKET

Mounts on face of stud. See catalog number for set back. For wood studs.



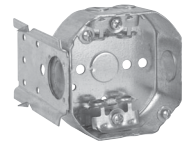
"D" BRACKET

Side mount bracket with set up hook and guide tabs for automatic positioning. Standard bracket set back is 5/8". For wood and metal studs.



"S" BRACKET

Side mount brackets with set up hook for wood or metal studs. Standard bracket set back is 5/8".



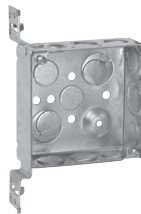
"C" BRACKET

Ceiling box bracket for wood studs.



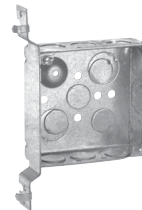
"VS" BRACKET

Plain flat mounted bracket for use on wood or metal studs. No set back.



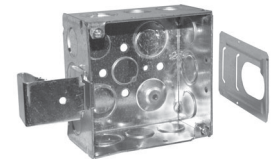
"VMS" BRACKET

Side bracket for use with wood or metal studs. Provides set up tabs to position on face of stud.



"VP" BRACKET

Side bracket with set up hooks for wood studs.



"SSB" BRACKET

Positions box on either side of a steel stud.



"MSB" BRACKET

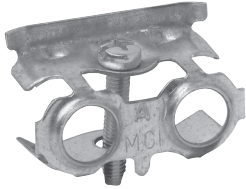
Position box on either side of steel stud.

Outlet Boxes

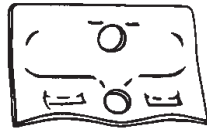
Switch & Outlet Boxes – Technical Data

CLAMPS USED ON BOXES

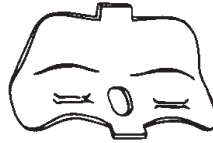
Cat. # TP900



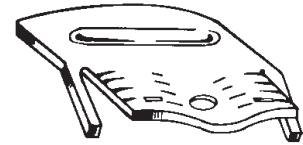
MC-BX
FOR ARMoured & METAL-CLAD (MCI) CABLE



NM-1



NM-2
FOR NON-METALLIC CABLE



NM-4

MOUNTING EARS

Cat. # TP901



ONE SCREW EAR

Cat. # TP902



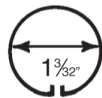
TWO SCREW EAR

Mounting ears are available on many of our switch boxes. They are set forward in $\frac{1}{16}$ " the "old way" position. Two screw ears are generally used on shallow boxes and one screw ears on deep boxes.

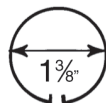
BOX ENTRY DETAILS



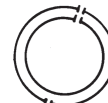
1/2" Conduit KO



3/4" Conduit KO



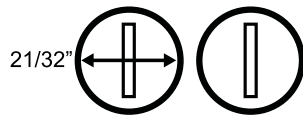
1" Conduit KO



Concentric 1/2" and 3/4" KO



Eccentric 1/2" and 3/4" KO



Cable Pry-outs Always in Pairs

Knockouts and Pry-outs

Conduit KOs have standard trade size dimensions. KOs are uniform and true for attachment of cable or conduit connectors. Pry-outs for cable entrance are slotted – a twist with screwdriver removes them. KOs and pry-outs are precision stamped to permit easy removal, but remain sufficiently strong and sturdy when not removed.

4" square drawn boxes feature a $\frac{1}{2}$ " and $\frac{3}{4}$ " "inverted" concentric KO – easily removed. Our 4" square welded boxes feature our $\frac{1}{2}$ " eccentric KO which also features easy removability of both the $\frac{1}{2}$ " and $\frac{3}{4}$ " KOs.

Note: These KOs are suitable for bonding without bonding jumpers around concentric (or eccentric) knockouts where used in circuits above or below 250V.

Steel Square Boxes

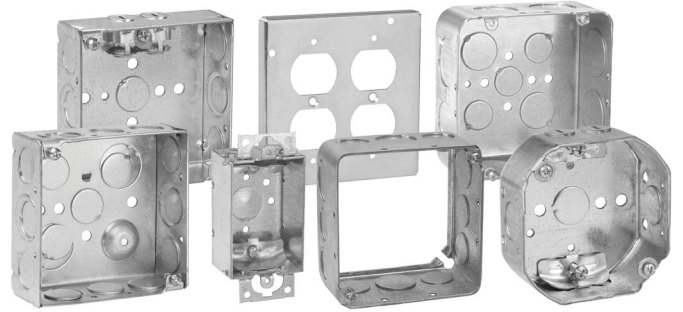
4" SQUARE OUTLET BOXES & COVERS

Applications:

- For use with conduit
- Available in red for fire alarm applications

Features:

- Ideal for exposed work applications, providing an easy method for the installation of electrical devices (switches, receptacles, fans, lights, etc.)
- Raised ground screw location in the welded boxes saves time in installation
- Available with pre-installed ground screws and pigtails for increased labor savings
- Knockouts are suitable for use without a bonding jumper in circuits above or below 250 volts
- Available in two depths for differing cubic capacity requirements
- Welded or drawn construction to match customer preference
- Extensive cover offering to meet various customer applications and needs



Certifications and Compliances:

- UL Listed

4" SQUARE OUTLET BOXES – 18.0 CUBIC INCH CAPACITY

1¼" DEEP – FOR CONDUIT

UL LISTED



TP408

Knockouts

Cat. #	Bracket	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
			Sides	Bottom		
TP408	-	Drawn	12 – ½"	5 – ½"	50	61

Steel Boxes

Steel Square Boxes

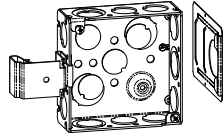
4" SQUARE OUTLET BOXES – 22.0 CUBIC INCH CAPACITY (WELDED)† 21.0 CUBIC INCH CAPACITY (DRAWN)

1½" DEEP – FOR CONDUIT

UL LISTED



TP404/TP404PF



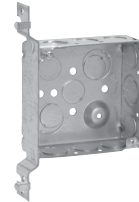
TP404SSB



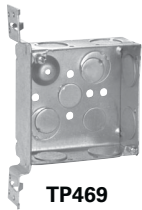
TP404MSB



TP404RED



TP425



TP469



TP830*



TP405



TP412
TP839*



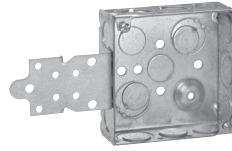
TP410



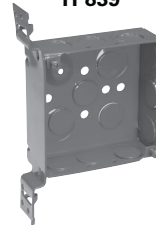
TP414RED



TP414



TP418



TP423RED



TP40SPF

Knockouts

Cat. #	Metal Stud Sizes	Bracket	Description	Sides	Bottom	Unit Qty.	Wt. Lbs. Per 100
TP40MSB	-	MSB	Welded/Open Back	8 - ½", 4 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	25	102
TP40MSBPF*†	-	MSB	Welded/Open Back	8 - ½", 4 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	25	102
TP40SPF‡	-	-	Welded/Open Back	8 - ½", 4 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	25	104
TP404**	-	-	Welded	8 - ½", 4 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	50	72
TP404MSB	-	MSB	Welded	8 - ½", 4 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	25	83
TP404RED	-	-	Welded	8 - ½", 4 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	50	72
TP404REDMSB	-	MSB	Welded	8 - ½", 4 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	25	83
TP404PF†**	-	-	Welded	8 - ½", 4 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	50	72
TP404SSB	-	SSB	Welded	8 - ½", 4 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	50	83
TP425**	All	"VP"	Welded	6 - ½", 3 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	25	82
TP423**	All	"VMS"	Welded	6 - ½", 3 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	25	81
TP423RED	All	"VMS"	Welded	6 - ½", 3 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	25	81
TP405	-	-	Drawn	4 - ½", 6 - ½" + ¾" C	3 - ½", 2 - ¾"	50	67
TP405MSB	-	MSB	Drawn	4 - ½", 6 - ½" + ¾" C	3 - ½", 2 - ¾"	25	78
TP410	-	-	Drawn	12 - ½"	5 - ½"	50	67
TP410MSB	-	MSB	Drawn	12 - ½"	5 - ½"	50	67
TP412	-	-	Drawn	8 - ¾"	3 - ½", 2 - ¾"	50	67
TP412MSB	-	MSB	Drawn	8 - ¾"	3 - ½", 2 - ¾"	25	78
TP414	-	-	Drawn	8 - ½", 4 - ¾"	3 - ½", 2 - ¾"	50	67
TP414MSB	-	MSB	Drawn	8 - ½", 4 - ¾"	3 - ½", 2 - ¾"	25	78
TP414RED	-	-	Drawn	8 - ½", 4 - ¾"	3 - ½", 2 - ¾"	50	67
TP414REDMSB	-	MSB	Drawn	8 - ½", 4 - ¾"	3 - ½", 2 - ¾"	25	83
TP418	-	"F", Set Flush	Welded	6 - ½", 3 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	25	84
TP467	-	-	Welded	8 - ¾"	2 - ½", 2 - ½" + ¾" E	50	72
TP467MSB	-	MSB	Welded	8 - ¾"	2 - ½", 2 - ½" + ¾" E	25	78
TP469	All	"VMS"	Welded	6 - ¾"	2 - ½", 2 - ½" + ¾" E	25	81
Air Plenum							
TP830*	-	-	Drawn	8 - ½", 4 - ¾"	3 - ½", 2 - ¾"	50	72
TP839*	-	-	Drawn	8 - ¾" C	3 - ½", 2 - ¾"	50	72

*For Air Plenum (no mounting holes) - not UL Listed.

**cUL Listed.

†All welded 4" Square Outlet Boxes have a raised dimple for ground screw.

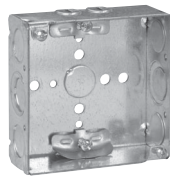
‡TP404PF includes ground screw with pigtail lead.

§TP40SPF supplied with factory installed pigtail leads and TP472 flat back cover.

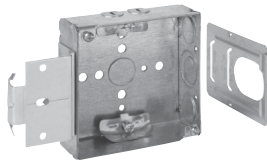
Steel Square Boxes

4" SQUARE OUTLET BOXES – 22.0 CUBIC INCH CAPACITY

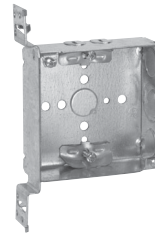
1½" DEEP
FOR NON-METALLIC CABLE – CLAMPS IN EACH END
UL LISTED



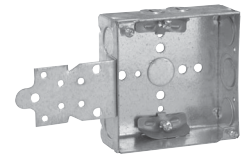
TP444



TP444MSB



TP449

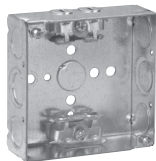


TP446

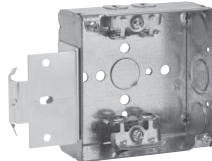
Cat. #	Bracket	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
			Sides	Bottom		
TP444	-	Welded	4 - Cable, 4 - ½", 2 - ½" + ¾" E	1 - ½"	50	77
TP444MSB	MSB	Welded	4 - Cable, 4 - ½", 2 - ½" + ¾" E	1 - ½"	25	81
TP444SSB	SSB	Welded	4 - Cable, 4 - ½", 2 - ½" + ¾" E	1 - ½"	50	88
TP446	"F", Set Flush	Welded	4 - Cable, 2 - ½", 1 - ½" + ¾" E	1 - ½"	25	88
TP449	"VMS"	Welded	4 - Cable, 2 - ½", 1 - ½" + ¾" E	1 - ½"	25	85

4" SQUARE OUTLET BOXES – 22.0 CUBIC INCH CAPACITY

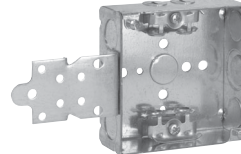
1½" DEEP
FOR ARMoured & METAL-CLAD (MCI) CABLE & HCF CABLE – CLAMPS IN EACH END
UL LISTED



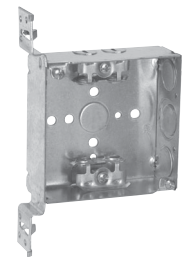
TP454



TP454MSB



TP456



TP459

Cat. #	Bracket	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
			Sides	Bottom		
TP459	"VMS"	Welded	4 - Cable, 2 - ½", 1 - ½" + ¾" E	1 - ½"	25	89
TP454*	-	Welded	4 - Cable, 4 - ½", 2 - ½" + ¾" E	1 - ½"	50	81
TP454MSB	MSB	Welded	4 - Cable, 4 - ½", 2 - ½" + ¾" E	1 - ½"	25	91
TP454PF†	-	Welded	4 - Cable, 4 - ½", 2 - ½" + ¾" E	1 - ½"	50	81
TP454SSB*	SSB	Welded	4 - Cable, 4 - ½", 2 - ½" + ¾" E	1 - ½"	25	82
TP456*	"F", Set Flush	Welded	4 - Cable, 2 - ½", 1 - ½" + ¾" E	1 - ½"	25	92
TP456PF†	"F", Set Flush	Welded	4 - Cable, 2 - ½", 1 - ½" + ¾" E	1 - ½"	25	92

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).

MCAP™ is a registered trademark of Southwire Company.

†TP catalog numbers ending in PF include ground screw with pigtail lead.

Steel Boxes

Steel Square Boxes

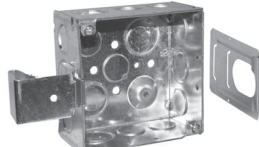
4" SQUARE OUTLET BOXES – 30.3 CUBIC INCH CAPACITY

2 1/8" DEEP – FOR CONDUIT

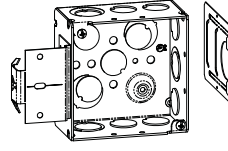
UL LISTED



TP403/TP403PF



TP403SSB



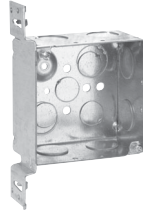
TP403MSB



TP40DPF



TP432



TP432VMS



TP434



TP438
TP831*



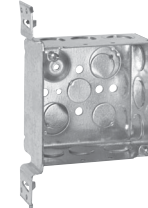
TP403RED



TP434RED



TP451RED



TP451

Steel Boxes

Cat. #	Bracket	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
			Sides	Bottom		
TP40DMSB	MSB	Welded/Open Back	8 - 1/2", 4 - 1/2" + 3/4" E	2 - 1/2", 2 - 1/2" + 3/4" E	25	91
TP40DMSBPF	MSB	Welded/Open Back	8 - 1/2", 4 - 1/2" + 3/4" E	2 - 1/2", 2 - 1/2" + 3/4" E	25	112
TP40DPF5	-	Welded/Open Back	8 - 1/2", 4 - 1/2" + 3/4" E	2 - 1/2", 2 - 1/2" + 3/4" E	25	92
TP403**	-	Welded	8 - 1/2", 4 - 1/2" + 3/4" E	2 - 1/2", 2 - 1/2" + 3/4" E	25	84
TP403MSB	MSB	Welded	8 - 1/2", 4 - 1/2" + 3/4" E	2 - 1/2", 2 - 1/2" + 3/4" E	25	95
TP403RED	-	Welded	8 - 1/2", 4 - 1/2" + 3/4" E	2 - 1/2", 2 - 1/2" + 3/4" E	25	84
TP403REDMSB	MSB	Welded	8 - 1/2", 4 - 1/2" + 3/4" E	2 - 1/2", 2 - 1/2" + 3/4" E	25	95
TP403PF+**	-	Welded	8 - 1/2", 4 - 1/2" + 3/4" E	2 - 1/2", 2 - 1/2" + 3/4" E	25	84
TP403SSB	SSB	Welded	8 - 1/2", 4 - 1/2" + 3/4" E	2 - 1/2", 2 - 1/2" + 3/4" E	25	95
TP432**	-	Welded	8 - 3/4"	2 - 1/2", 2 - 1/2" + 3/4" E	25	84
TP432MSB	MSB	Welded	8 - 3/4"	2 - 1/2", 2 - 1/2" + 3/4" E	25	95
TP432REDMSB	MSB	Welded	8 - 3/4"	2 - 1/2", 2 - 1/2" + 3/4" E	25	95
TP432VMS	"VMS"	Welded	6 - 3/4"	2 - 1/2", 2 - 1/2" + 3/4" E	25	99
TP436	-	Welded	8 - 1"	2 - 1/2", 2 - 1/2" + 3/4" E	25	84
TP436MSB	MSB	Welded	8 - 1"	2 - 1/2", 2 - 1/2" + 3/4" E	25	95
TP434	-	Drawn	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	84
TP434MSB	MSB	Drawn	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	95
TP434RED	-	Drawn	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	84
TP434REDMSB	MSB	Drawn	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	95
TP438	-	Drawn	4 - 1/2", 6 - 1/2" + 3/4" C	3 - 1/2", 2 - 3/4"	25	84
TP438MSB	MSB	Drawn	4 - 1/2", 6 - 1/2" + 3/4" C	3 - 1/2", 2 - 3/4"	25	95
TP438PF+	-	Drawn	4 - 1/2", 6 - 1/2" + 3/4" C	3 - 1/2", 2 - 3/4"	25	84
TP451	"VMS"	Welded	6 - 1/2", 3 - 1/2" + 3/4" E	2 - 1/2", 2 - 1/2" + 3/4" E	25	96
TP451PF+	"VMS"	Welded	6 - 1/2", 3 - 1/2" + 3/4" E	2 - 1/2", 2 - 1/2" + 3/4" E	25	96
TP451RED	"VMS"	Welded	6 - 1/2", 3 - 1/2" + 3/4" E	2 - 1/2", 2 - 1/2" + 3/4" E	25	96
TP437	"VP"	Welded	6 - 1/2", 3 - 1/2" + 3/4" E	2 - 1/2", 2 - 1/2" + 3/4" E	25	98
Air Plenum						
TP831*	-	Drawn	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	90

*For Air Plenum (no mounting holes) - not UL Listed.

**cUL Listed.

†TP catalog numbers ending in PF include ground screw with pigtail lead.

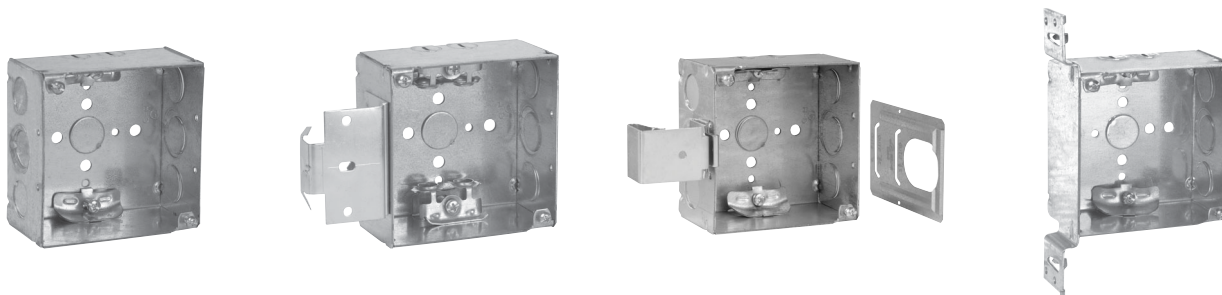
‡TP40DPF supplied with factory installed pigtail leads and TP472 flat back cover.

Steel Square Boxes

4" SQUARE OUTLET BOXES – 30.3 CUBIC INCH CAPACITY

2 1/8" DEEP
FOR NON-METALLIC CABLE – CLAMPS IN EACH END

UL LISTED



TP450

TP450MSB

TP450SSB

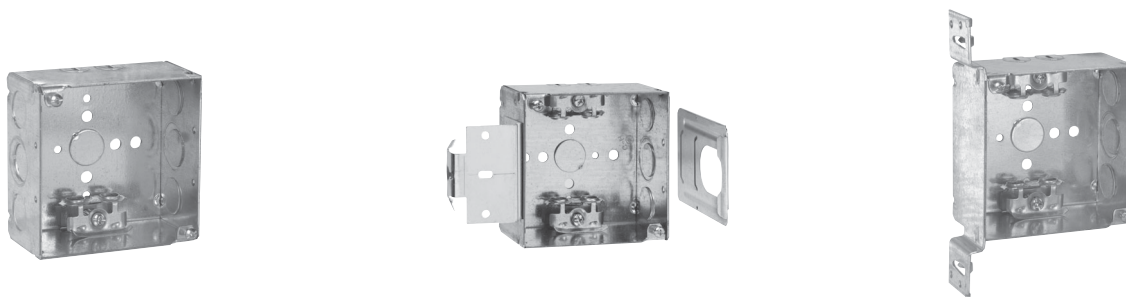
TP452

Cat. #	Bracket	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
			Sides	Bottom		
TP450	-	Welded	4 - Cable, 4 - 1/2", 2 - 1/2" + 3/4" E	1 - 1/2"	25	90
TP450MSB	MSB	Welded	4 - Cable, 4 - 1/2", 2 - 1/2" + 3/4" E	1 - 1/2"	25	101
TP450SSB	SSB	Welded	4 - Cable, 4 - 1/2", 2 - 1/2" + 3/4" E	1 - 1/2"	25	101
TP452	"VMS"	Welded	4 - Cable, 2 - 1/2", 1 - 1/2" + 3/4" E	1 - 1/2"	25	104

4" SQUARE OUTLET BOXES – 30.3 CUBIC INCH CAPACITY

2 1/8" DEEP
FOR ARMoured & METAL-CLAD (MCI) CABLE & HCF CABLE – CLAMPS IN EACH END

UL LISTED



TP431

TP431MSB

TP440

Cat. #	Metal Stud Sizes	Bracket	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
				Sides	Bottom		
TP431*	-	-	Welded	4 - Cable, 4 - 1/2", 2 - 1/2" & 3/4" E	1 - 1/2"	25	91
TP431PF†	-	-	Welded	4 - Cable, 4 - 1/2", 2 - 1/2" & 3/4" E	1 - 1/2"	25	91
TP431MSB	-	MSB	Welded	4 - Cable, 4 - 1/2", 2 - 1/2" & 3/4" E	1 - 1/2"	25	91
TP431SSB*	-	SSB	Welded	4 - Cable, 4 - 1/2", 2 - 1/2" & 3/4" E	1 - 1/2"	25	102
TP440*	All	"VMS"	Welded	4 - Cable, 2 - 1/2", 1 - 1/2" & 3/4" E	1 - 1/2"	25	103

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).

MCAP™ is a registered trademark of Southwire Company.

†TTP catalog numbers ending in PF include ground screw with pigtail lead.

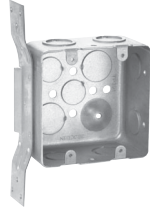
Steel Boxes

Steel Square Boxes

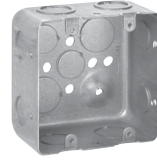
4" SQUARE TWO DEVICE BOXES – 30.3 CUBIC INCH CAPACITY

2 1/8" DEEP – FOR CONDUIT

UL LISTED



TP391



TP395

Cat. #	Bracket	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
			Sides	Bottom		
TP391	"VS", Set 7/8"	Drawn	6 - 1/2", 3 - 3/4"	3 - 1/2", 2 - 3/4"	25	95
TP395	-	Drawn	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	84

4" SQUARE OUTLET BOXES – 46.0 CUBIC INCH CAPACITY

3 1/2" DEEP – FOR CONDUIT

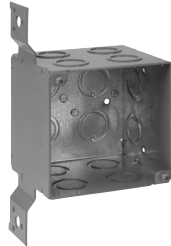
UL LISTED, FILE NO. E-15022

Applications:

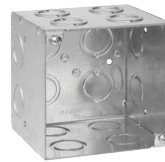
- 4" square, 3 1/2" deep outlet boxes are ideal for applications requiring increased capacity, including the installation of speaker boxes, fire alarms, strobes, security cameras and other oversized devices
- For use with rigid/IMC and EMT conduit



TP411



TP411RED



TP413



TP413RED

Cat. #	Bracket	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
			Sides	Bottom		
TP411	Side	Welded	12 - 1/2" + 3/4" C	4 - 1/2" + 3/4" C	10	137
TP411RED	Side	Welded	12 - 1/2" + 3/4" C	4 - 1/2" + 3/4" C	10	137
TP413	-	Welded	12 - 1/2" + 3/4" C	4 - 1/2" + 3/4" C	20	125
TP413RED	-	Welded	12 - 1/2" + 3/4" C	4 - 1/2" + 3/4" C	20	125

Steel Square Covers

4" SQUARE EXTENSION RINGS

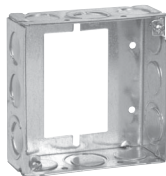
1 1/2" DEEP WITH CONDUIT KNOCKOUTS – 21.0 CUBIC INCH CAPACITY

2 1/8" DEEP WITH CONDUIT KNOCKOUTS – 30.3 CUBIC INCH CAPACITY

UL LISTED



TP424



TP422†



TP426



TP428RED



TP443 (2 1/8" Deep)



TP428, TP833*

Cat. #	Knockouts		Unit Qty.	Wt. Lbs. Per 100
	Sides	Bottom		
1 1/2" Deep				
TP424	12 - 1/2"	-	50	46
TP426	8 - 3/4"	-	50	46
TP428	8 - 1/2", 4 - 3/4"	-	50	46
TP428RED	8 - 1/2", 4 - 3/4"	-	50	46
TP833*	8 - 1/2", 4 - 3/4"	-	50	48
2 1/8" Deep				
TP443	8 - 1/2", 4 - 3/4"	-	25	66
TP465	8 - 1"	-	25	60
1 1/2" Deep Switch & Masonry Box Extension Ring				
TP422†	8 - 1/2", 4 - 1/2" + 3/4" E	-	50	50

*For Air Plenum (no mounting holes). Requires the use of TP854; purchase separately - not UL Listed.

†For use as extension with switch box, not four square box.

FLEXIBLE FIXTURE HANGERS

TPSFH Square Flexible Fixture Hangers are used in commercial or light industrial applications where HID high bay and low bay lighting fixtures are used. Specific applications include storage facilities, shipping warehouses, retail and DIY facilities.

Features:

- Suitable for use with 1/2" or 3/4" fixture conduit stems, these hangers allow the conduit stem of the fixture (luminaire) to swing in any direction; maximum swing angle is 26° from vertical max. slope angles 22 1/2°
- Available for attachment to 4" square steel boxes
- Quickly and easily attached by two screws
- Hangers are drilled and tapped for use with 3/4" conduit stem as standard and come supplied with a 3/4" - 1/2" reducer for 1/2" conduit stem applications

Certifications and Compliances:

- UL1598
- CSA C22.2 No. 250
- Suitable for damp locations

Standard Materials and Finishes:

- Material – sheet steel
- Finish – zinc chromate for corrosion resistance



Cat. #	Description	Support Wt. (Lbs.)
TPSFH12	For use with 4" Square Boxes	50

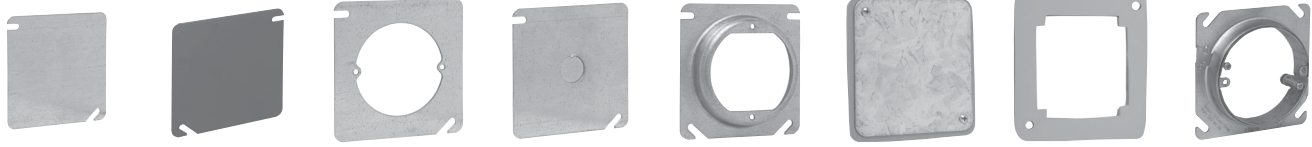
Steel Boxes

Steel Square Covers

COVERS FOR 4" SQUARE BOXES – CUBIC INCH CAPACITY (SEE BELOW)

UL LISTED

#8-32 Screw Used on Covers



TP472 TP472RED TP474 TP478 TP473, TP475, TP476, TP477, TP479, TP483 TP850* TP854* AMR0

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100	Capacity Cu. In.
TP472†	Flat Blank	50	31	-
TP472RED	Flat Blank, Red	50	31	-
TP474†	Flat, Open with Ears 2 ³ / ₄ "	50	21	-
TP478†	Flat, with 1/2" KO	50	31	-
TP487†	Flat, with 3/4" KO	50	29	-
TP473†	Raised 1/4", Open with Ears 2 ³ / ₄ "	50	23	1.3
TP476†	Raised 1/2", Open with Ears 2 ³ / ₄ "	50	26	4.0
TP477†	Raised 5/8", Open with Ears 2 ³ / ₄ "	50	27	5.0
TP475†	Raised 3/4", Open with Ears 2 ³ / ₄ "	25	31	6.0
TP479†	Raised 1", Open with Ears 2 ³ / ₄ "	25	34	7.0
TP483†	Raised 1 1/4", Open with Ears 2 ³ / ₄ "	25	37	8.5
AMR0**	3/4" - 1 1/2" Round Adjustable Mud Ring	25	44	6.1

Air Plenum

TP850*	Flat Blank Gasketed with Captive Screws	25	31	-
TP854*	Flat Ring Double Gasketed	25	12	-

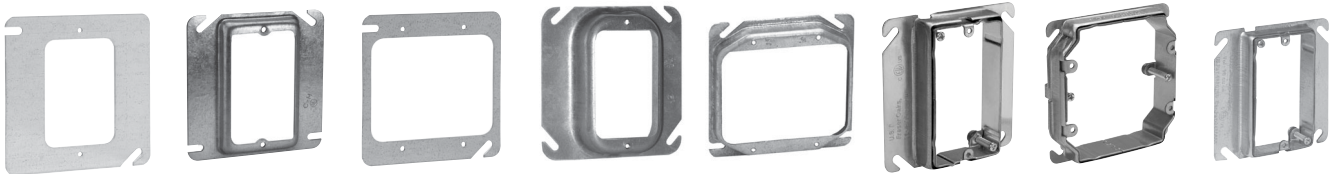
*For Air Plenum (no mounting holes) - not UL Listed.

**ETL listed.

†CSA certified.

MUD RINGS FOR 4" SQUARE STEEL OUTLET BOXES

UL LISTED



TP480 TP482, TP484, TP486, TP489 TP494 TP488, TP490 TP496, TP499, TP500, TP501, TP502 AMR1 AMR2 AMR158

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100	Capacity Cu. In.
One Device				
TP480†	Flat	50	20	-
TP482†	1/4" Raised	50	21	1.8
TP484†	1/2" Raised	50	23	3.8
TP489†	5/8" Raised	50	26	4.3
TP486†	3/4" Raised	50	30	5.5
TP488	1" Raised	50	34	6.8
TP490	1 1/4" Raised	25	39	8.5
AMR1**	3/4" - 1 1/2" Raised Adjustable	25	47	-
AMR158**	5/8" - 1 1/4" Raised Adjustable	25	44	6.0
Two Device				
TP494†	Flat	50	12	-
TP496†‡	1/4" Raised	50	13	3.0
TP498†‡	1/2" Raised	50	18	6.0
TP499†‡	5/8" Raised	50	22	8.0
TP500†‡	3/4" Raised	50	24	9.0
TP501	1 1/4" Raised	25	31	14.0
TP502	1" Raised	25	30	11.7
AMR2**	5/8" - 1 1/2" Raised Adjustable	25	50	11.3

**cULus Listed.

†CSA certified.

‡Slotted design for use with 4" square box partitions.

Steel Square Covers

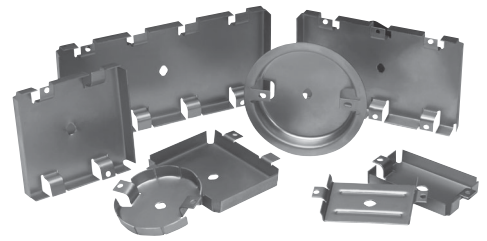
METALGUARD™ PROTECTIVE PLATES

Applications:

- For use with single, two, three and four gang commercial or residential boxes/plaster rings; with or without devices, switches, GFCI, etc. installed
- Commercial or residential ceiling boxes

Features:

- Seals out sheetrock mud, sanding dust and paint overspray to keep the electrical box and its wiring free from contaminants
- Heavy duty reusable metallic plate provides mechanical protection to box and wiring and speeds up trim process
- Easy to install; all you have to do is push them in; they come out easy – just put a screwdriver into the slot in front, turn and pull them out
- Reduces risk of callbacks and expense of rework because of wire and box damage
- MetalGuard serves as a guide for router in cutting out boxes



Standard Material & Finish:

- 18 gauge steel
- Natural finish

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
MGRK	Contractor Kit (120-1G, 40-2G, 20-3G, 5-4G, and 20-Rnd)	1	33.00
MGR1	1G Residential Wire Protector	60	8.20
MGR2	2G Residential Wire Protector	20	4.80
MGR4	4G Residential Wire Protector	5	3.00
MGR0	Rnd Residential Wire Protector	20	4.00
MGMR1	1G Wire Protector for Commercial MR	50	6.55
MGMR2	2G Wire Protector for Commercial MR	50	10.25
MGMRO	Rnd Wire Protector for Commercial MR	50	6.00

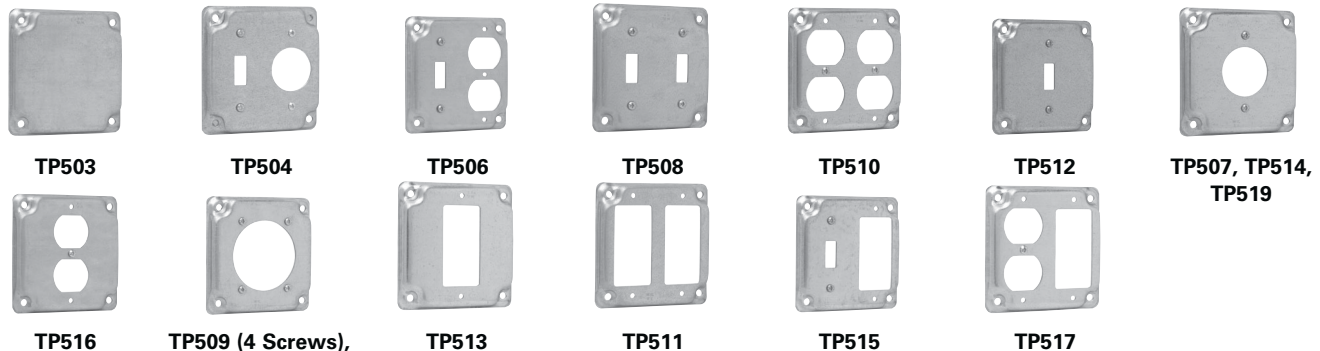
4" SQUARE SURFACE COVERS – 5.5 CUBIC INCH CAPACITY

RAISED 1/2"

UL LISTED

CSA LISTED

Screw(s) provided in raised cover kit are for use with the center hole on duplex receptacles. Nuts that are provided in kit are to be used in conjunction with the screws that are provided as standard packaging with devices to mount device to raised cover. For GFCI device installation, no screw is needed; please disregard.



Steel Boxes

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP503	Raised Blank	50	35
TP504	For One Toggle Switch and One Single Receptacle 1 ¹³ / ₃₂ " Dia.	50	31
TP506	For One Toggle Switch and One Duplex Receptacle	50	31
TP508	For Two Toggle Switches	50	35
TP510	For Two Duplex Receptacles	50	26
TP512	For One Toggle Switch	50	35
TP507	For One 20 Amp Single Receptacle 1 ¹⁹ / ₃₂ " Dia.	50	37
TP514	For One Single Receptacle 1 ¹³ / ₃₂ " Dia.	50	34
TP519	For One 30 Amp Twist-Lock Single Receptacle 1 ²⁹ / ₃₂ " Dia.	50	37
TP516	For One Duplex Receptacle	50	31
TP509	For One 30-60 Amp Receptacle (4-wire) 2 ⁷ / ₁₆ " Dia.	50	23
TP518	For One 30-50 Amp Receptacle 2 ⁹ / ₆₄ " Dia.	50	34
TP513	For One GFCI Receptacle	50	31
TP511	For Two GFCI Receptacles	50	26
TP515	For One Toggle Switch and One GFCI Receptacle	50	31
TP517	For One Duplex Receptacle and One GFCI Receptacle	50	26

Steel Square Covers

UNI-MOUNT™ COVERS

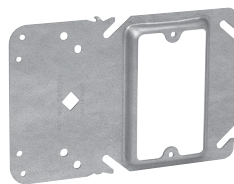
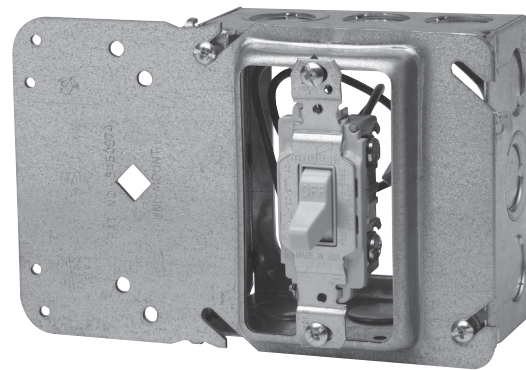
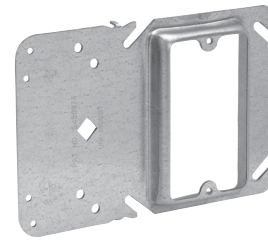
The Uni-Mount combines the features of a mounting device plate with those of a box support, giving you one universal plate for all of your needs. Specifically designed for use with metal or wood studs:

The new and improved version incorporates four small holes on the left side (support side) of the bracket. These holes allow for the attachment of box mounting brackets to allow for use of both sides of the stud. The holes are strategically located to accept either the Eaton's B-Line Series BB423 bracket or the Caddy H23 bracket. Additionally, the viewing hole has been significantly enlarged (and is now diamond shaped) to make it even easier to find mark lines on the stud.

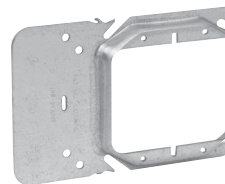
Features:

- Guide tabs ensure consistent alignment on stud
- Stud alignment hole ensures consistent mounting height
- Rigid bracket design eliminates the need for far side support
- Available as a single or two device cover
- Universal design fits all 4" square boxes
- Available in 1/2", 5/8" and 3/4" raised
- Can be ordered pre-assembled to popular 4" square boxes
- Fast and easy installation
- Can be used in multiple applications, resulting in less items to stock
- Less labor intensive
- Less material handling
- No multiple assemblies to handle
- Can be used in Class II communications outlets for low voltage without a box
- UL Listed and CSA certified*
- UL File No. E-23156

*CSA requires a far side support.



Single Gang

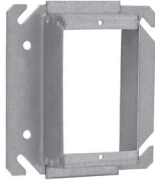


Two Gang

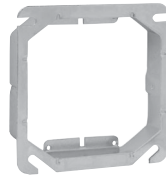
Cat. #	Description	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
Single Gang				
TP30000	1/2" Raised	3.8	50	43
TP31000	5/8" Raised	4.3	50	46
TP32000	3/4" Raised	5.5	50	50
Two Gang				
TP35000	1/2" Raised	6.0	50	38
TP36000	5/8" Raised	8.0	50	52
TP37000	3/4" Raised	9.0	50	54
Low Profile Screws – Reduces Risk of Sheetrock Bulge				
TP710	L.P. Screws	-	1000	0.5

Steel Square Covers

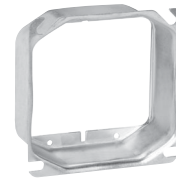
TILE WALL COVERS FOR 4" SQUARE BOXES – CUBIC INCH CAPACITY (SEE BELOW) UL LISTED



TP524



TP534



TP540

Applications:

- Typically used with tile or brick

Features:

- Rounded corners help guide cuts around devices

Cat. #	Description	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
One Device				
TP520	1/2" Raised	3.7	50	30
TP522	3/4" Raised	5.5	50	36
TP524	1" Raised	7.4	50	40
TP526	1 1/4" Raised	9.3	25	46
TP528	1 1/2" Raised	11.0	25	50
TP530	2" Raised	14.8	25	62
Two Device				
TP532	1/2" Raised	5.0	10	24
TP534	3/4" Raised	7.8	10	30
TP536	1" Raised	10.3	10	36
TP538	1 1/4" Raised	13.0	10	44
TP540	1 1/2" Raised	15.5	10	50
TP542	2" Raised	20.8	10	66

4" SQUARE BOX PARTITIONS



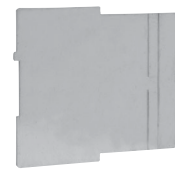
TP860



TP861



TP862



TP863

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
For 1 1/2" Deep Box with Square Cut Tile Wall Two Gang Covers			
TP860	For 1/2", 3/4", 1" Raised Covers	25	13
TP861	For 1 1/4", 1 1/2", 2" Raised Covers	25	18
For 2 1/2" Deep Box with Square Cut Tile Wall Two Gang Covers			
TP862	For 1/2", 3/4", 1" Raised Covers	25	16
TP863	For 1 1/4", 1 1/2", 2" Raised Covers	25	21

Steel Boxes

Steel Square Boxes

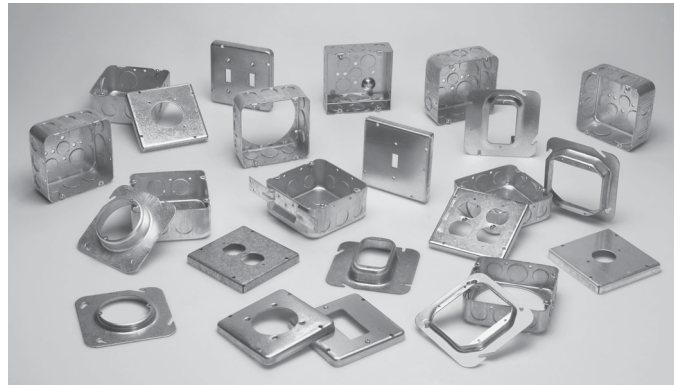
4¹¹/₁₆" SQUARE OUTLET BOXES & COVERS

Applications:

- For use with conduit
- For use in commercial and industrial applications, where larger sized conductor or wiring devices are needed and additional volume is required
- Available in red for fire alarm applications

Features:

- Ideal for exposed work applications, providing an easy method for the installation of electrical devices (switches, receptacles, fans, lights, etc.)
- Raised ground screw location in the welded boxes saves time in installation
- Concentric knockouts have a 1/2" and 3/4" knockout in the same location for customer flexibility
- Knockouts are suitable for use without a bonding jumper in circuits above or below 250 volts
- Available in two depths for differing cubic capacity requirements
- Welded or drawn construction to match customer preference
- Extensive cover offering to meet various customer applications and needs



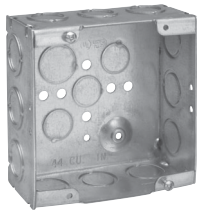
Certifications and Compliances:

- UL Listed

4¹¹/₁₆" SQUARE OUTLET BOXES – 29.5 CUBIC INCH CAPACITY

1¹/₂" DEEP WITH CONDUIT KOs

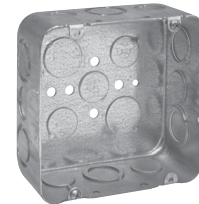
UL LISTED



TP523



TP548



TP549

Cat. #	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
TP523	Welded	12 - 1/2" + 3/4" C	2 - 1/2", 2 - 3/4"	25	99
TP523PF†	Welded	12 - 1/2" + 3/4" C	2 - 1/2", 2 - 3/4"	25	99
TP548	Drawn	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	84
TP548MSB	Drawn	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	95
TP549	Drawn	6 - 1/2", 6 - 1/2" + 3/4" C	3 - 1/2", 2 - 3/4"	25	84
TP549MSB	Drawn	6 - 1/2", 6 - 1/2" + 3/4" C	3 - 1/2", 2 - 3/4"	25	95

†TP catalog numbers ending in PF include ground screw with pigtail lead.

Steel Square Boxes

4¹¹/₁₆" SQUARE OUTLET BOXES – 42.0 & 44.0 CUBIC INCH CAPACITY

2¹/₈" DEEP WITH CONDUIT KOs

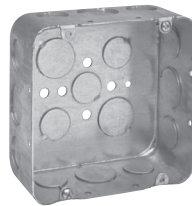
UL LISTED



TP563



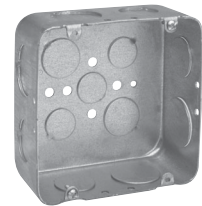
TP554
TP842*



TP556
TP832*



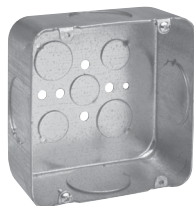
TP556RED



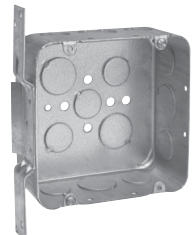
TP558
TP835*



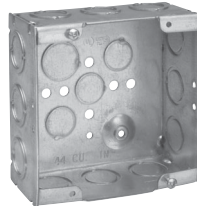
TP560
TP836*



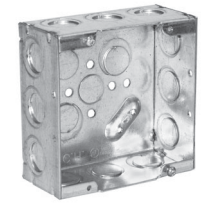
TP562



TP557



TP521



TP525

Cat. #	Description	Bracket	Knockouts		Unit Qty.	Wt. Lbs. Per 100
			Sides	Bottom		
42.0 Cubic Inch Capacity						
TP563	Drawn	-	6 - 1/2", 6 - 1/2" + 3/4" C	3 - 1/2", 2 - 3/4"	25	104
TP563MSB	Drawn	MSB	6 - 1/2", 6 - 1/2" + 3/4" C	3 - 1/2", 2 - 3/4"	25	115
TP554	Drawn	-	8 - 3/4"	3 - 1/2", 2 - 3/4"	25	104
TP554MSB	Drawn	MSB	8 - 3/4"	3 - 1/2", 2 - 3/4"	25	115
TP556	Drawn	-	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	104
TP556PF†	Drawn	-	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	104
TP556MSB	Drawn	MSB	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	115
TP556RED	Drawn	-	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	104
TP556REDMSB	Drawn	MSB	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	115
TP558	Drawn	-	4 - 3/4", 4 - 1"	3 - 1/2", 2 - 3/4"	25	104
TP558PF†	Drawn	-	4 - 3/4", 4 - 1"	3 - 1/2", 2 - 3/4"	25	104
TP558MSB	Drawn	MSB	4 - 3/4", 4 - 1"	3 - 1/2", 2 - 3/4"	25	104
TP558REDMSB	Drawn	MSB	4 - 3/4", 4 - 1"	3 - 1/2", 2 - 3/4"	25	115
TP560	Drawn	-	8 - 1"	3 - 1/2", 2 - 3/4"	25	104
TP560MSB	Drawn	MSB	8 - 1"	3 - 1/2", 2 - 3/4"	25	115
TP562‡	Drawn	-	4 - 1 1/4"	3 - 1/2", 2 - 3/4"	25	104
TP557	Drawn	"VS"	5 - 1/2", 4 - 1/2" + 3/4" C	3 - 1/2", 2 - 3/4"	25	120
44.0 Cubic Inch Capacity						
TP521	Welded	-	12 - 1/2" + 3/4" C	2 - 1/2", 2 - 3/4"	25	115
TP521PF†	Welded	-	12 - 1/2" + 3/4" C	2 - 1/2", 2 - 3/4"	25	115
TP525**	Welded	-	12 - 1/2" + 3/4" E	2 - 1/2", 2 - 1/2" + 3/4" E	25	115
TP525PF†	Welded	-	12 - 1/2" + 3/4" E	2 - 1/2", 2 - 1/2" + 3/4" E	25	115
Air Plenum						
TP835*	-	-	4 - 3/4", 4 - 1"	3 - 1/2", 2 - 3/4"	25	115
TP836*	-	-	8 - 1"	3 - 1/2", 2 - 3/4"	25	115
TP842*	-	-	12 - 3/4"	3 - 1/2", 2 - 3/4"	25	115
TP832*	-	-	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	115

*For Air Plenum (no mounting holes) - not UL Listed.

**Raised ground bump contains holes for two ground screws.

†TP catalog numbers ending in PF include ground screw with pigtail lead.

‡Not UL Listed.

Steel Square Covers

4¹¹/₁₆" SQUARE EXTENSION RINGS

1¹/₂" DEEP WITH CONDUIT KOs – 29.5 CUBIC INCH CAPACITY

2¹/₈" DEEP WITH CONDUIT KOs – 42.0 CUBIC INCH CAPACITY

UL LISTED



TP550



TP564



TP837*



TP564RED

Cat. #	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
1¹/₂" Deep – 29.5 Cubic Inch Capacity					
TP550		8 - 1/2", 4 - 3/4"	-	25	66
2¹/₈" Deep – 42.0 Cubic Inch Capacity					
TP564		8 - 1/2", 4 - 3/4"	-	25	84
TP564RED		8 - 1/2", 4 - 3/4"	-	25	84
Air Plenum					
TP837*	2 ¹ / ₈ " Deep	8 - 1/2", 4 - 3/4"	-	25	84

*For Air Plenum (no mounting holes) - not UL Listed.
TP837 requires the use of TP852, purchased separately.

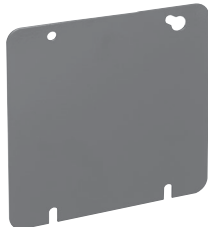
Steel Square Covers

4^{11/16}" SQUARE COVERS – CUBIC INCH CAPACITY (SEE BELOW)

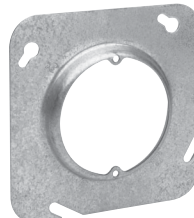
UL LISTED



TP568



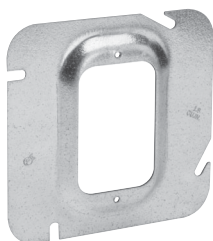
TP568RED



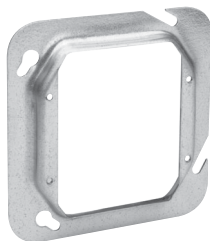
TP569, TP570, TP571,
TP573, TP575



TP572



TP574 - TP582,
TP529, TP531



TP584, TP586, TP589,
TP593, TP541, TP543



TP851*



TP852*

Cat. #	Description	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
Flat and Raised				
TP568†	Flat Blank	-	25	40
TP568RED	Flat Blank, Red	-	25	40
TP569‡	1/2" Raised, with Ears 2 3/4"	3.3	25	36
TP570	5/8" Raised, with Ears 2 3/4"	3.8	25	38
TP571‡	3/4" Raised, with Ears 2 3/4"	5.0	25	40
TP572†	Flat, with 1/2" KO	-	25	40
TP573‡	1" Raised, with Ears 2 3/4"	7.0	25	44
TP575‡	1 1/4" Raised, with Ears 2 3/4"	9.0	25	48
Air Plenum				
TP851*	Flat Blank Gasketed with Captive Screws	-	50	42
TP852*	Flat Ring Double Gasketed	-	25	20
One Device				
TP574	1/4" Raised	1.8	25	32
TP576	1/2" Raised	3.3	25	36
TP578	3/4" Raised	5.0	25	42
TP579	5/8" Raised	4.5	25	39
TP580	1" Raised	6.8	25	46
TP582	1 1/4" Raised	8.5	25	52
TP529	1 1/2" Raised	11.3	25	64
TP531	2" Raised	15.0	25	76
Two Device				
TP590‡	Flat	-	25	21
TP583‡	1/4" Raised	3.0	25	26
TP584	1/2" Raised	6.0	25	30
TP587	5/8" Raised	8.0	25	32
TP586	3/4" Raised	8.8	25	34
TP589	1" Raised	11.7	25	38
TP593	1 1/4" Raised	14.0	25	42
TP541	1 1/2" Raised	18.8	25	63
TP543	2" Raised	24.5	25	79

Steel Boxes

*For Air Plenum (no mounting holes).

†CSA certified.

‡Not UL Listed.

Steel Square Covers

4¹¹/₁₆" SQUARE SURFACE COVERS – 9.0 CUBIC INCH CAPACITY

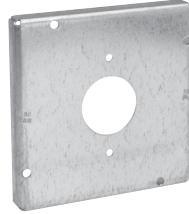
1/2" RAISED



TP720



TP722



TP724, TP730,
TP736



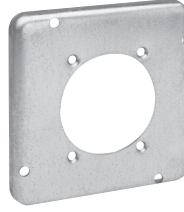
TP726



TP728



TP732



TP734



TP738



TP740

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP720	For One Toggle Switch	10	52
TP722	For One Duplex Receptacle	10	49
TP724	For One Single Receptacle 1 ¹³ / ₃₂ " Dia.	10	53
TP730	For One 20 Amp Single Receptacle 1.620" Dia.	10	50
TP736	For One 1.730" Dia. Power Outlet	10	51
TP726	For Two Toggle Switches	10	52
TP728	For Two Duplex Receptacles	10	44
TP732	For One 2.125" Dia. Range/Dryer Receptacle	10	48
TP734	For One 2.480" Dia. Power Outlet	10	45
TP738	For One Ground Fault Interrupter	10	45
TP740	For One GFI Receptacle and One Toggle	25	45
TP741	For Two GFI Receptacles	10	43

Steel Boxes

Steel Utility Boxes & Covers

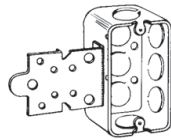
UTILITY BOXES – CUBIC INCH CAPACITY (SEE BELOW)

4" LONG x 2 1/8" WIDE

UL LISTED



TP588, TP647



TP591



TP592, TP600,
TP602



TP598, TP605



TP594, TP596



TP604, TP606

Cat. #	Bracket	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
1 1/4" Deep – 8.5 Cubic Inch Capacity					
TP647	-	8 - 1/2"	3 - 1/2"	50	40
1 1/2" Deep – 10.3 Cubic Inch Capacity					
TP588	-	8 - 1/2"	3 - 1/2"	50	42
TP591	"F", Set 1/4"	5 - 1/2"	3 - 1/2"	50	51
1 1/2" Deep Extension Rings – 10.3 Cubic Inch Capacity					
TP592	-	8 - 1/2"	-	50	36
1 7/8" Deep – 13.0 Cubic Inch Capacity					
TP594	-	8 - 1/2"	3 - 1/2"	50	50
TP596	-	6 - 3/4"	3 - 1/2"	50	50
TP598	"S", Set 1/2"	5 - 1/2"	3 - 1/2"	50	60
1 1/8" Deep Extension Rings – 13.0 Cubic Inch Capacity					
TP600	-	8 - 1/2"	-	50	41
TP602	-	6 - 3/4"	-	50	41
2 1/8" Deep – 14.5 Cubic Inch Capacity					
TP604	-	8 - 1/2"	3 - 1/2"	50	56
TP606	-	6 - 3/4"	3 - 1/2"	50	56
TP605	"S", Set 1/2"	5 - 1/2"	3 - 1/2"	50	66

UTILITY BOX COVERS

UL LISTED



TP608



TP610



TP612



TP613



TP614



TP616



TP618

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP608*	Blank	100	10
TP610*	For 20 and 30 Amp, Twist Lock, 1 1/2" Dia.	100	9
TP612*	Single Receptacle, 1 1/2" Dia.	100	9
TP613*	For GFCI Device	100	7
TP614*	1/2" KO	100	10
TP616*	Duplex Receptacle	100	8
TP618*	One Toggle Switch	100	10

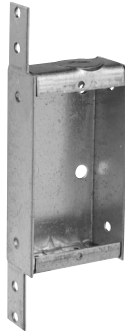
*CSA certified.

Steel Boxes

Steel Switch Boxes

1" DEEP – NON-GANGABLE – 6.5 CUBIC INCH CAPACITY

1¹⁵/₁₆" WIDE x 3³/₄" LONG



TP101



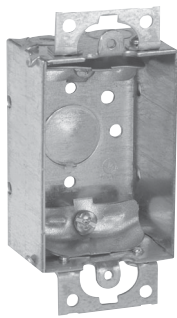
TP103

Cat. #	Bracket	Plastic Clamp	Knockouts		Unit Qty.	Wt. Lbs. Per 100
			Conduit	Cable		
TP101	"S"	No	1 - 1/2"	2	25	38
TP103	"S"	Yes	1 - 1/2"	2	25	39

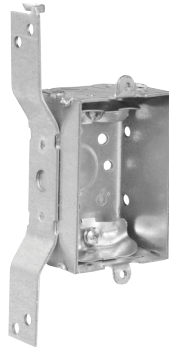
1 1/2" DEEP – NON-GANGABLE – 7.5 CUBIC INCH CAPACITY

2" WIDE x 3" LONG

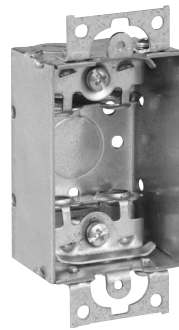
UL LISTED



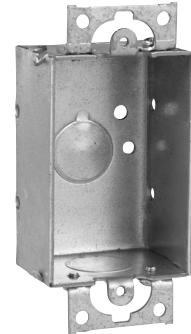
TP100



TP104



TP106



TP114

Cat. #	Bracket	Ears	Knockouts			Unit Qty.	Wt. Lbs. Per 100
			Each End	Each Side	Bottom		
For Non-metallic Cable – Clamps in Each End							
TP100	-	Yes	2 - Cable	-	1 - 1/2"	50	43
TP104	"S", Set 1/2"	-	2 - Cable	-	1 - 1/2"	50	50
For Armoured & Metal-clad (MCI) Cable – Clamps in Each End							
TP106*	-	Yes	2 - Cable	-	1 - 1/2"	50	44
For Conduit – No Clamps, Flush Device							
TP114	-	Yes	1 - 1/2"	-	1 - 1/2"	50	39

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™). MCAP™ is a registered trademark of Southwire Company.

Steel Boxes

Steel Switch Boxes

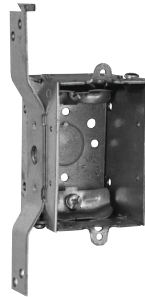
2" DEEP – GANGABLE – 10.0 CUBIC INCH CAPACITY

2" WIDE x 3" LONG

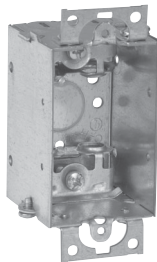
UL LISTED



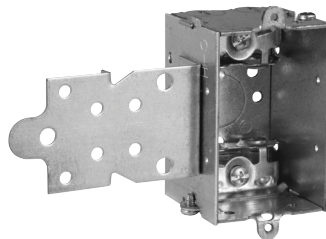
TP116



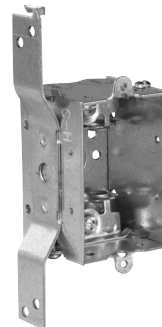
TP118



TP120



TP123



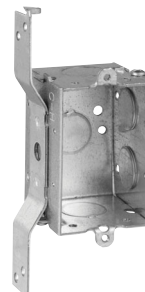
TP124



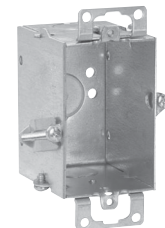
TP126



TP130



TP132



TP131 Hold-Tite

Steel Boxes

Cat. #	Bracket	Ears	Knockouts			Unit Qty.	Wt. Lbs. Per 100
			Each End	Each Side	Bottom		
For Non-metallic Cable – Clamps in Each End							
TP116	-	Yes	2 - Cable	-	1 - 1/2"	50	53
TP118	"S", Set 5/8"	-	2 - Cable	-	1 - 1/2"	50	60
For Armoured & Metal-clad (MCI) Cable – Clamps in Each End							
TP120*	-	Yes	2 - Cable	-	1 - 1/2"	50	54
TP123*	"F", Set 1/2"	-	2 - Cable	-	1 - 1/2"	50	63
TP124*	"S", Set 5/8"	-	2 - Cable	-	1 - 1/2"	50	61
For Conduit – No Clamps, Flush Device							
TP126	-	-	1 - 1/2"	2 - 1/2"	1 - 1/2"	50	47
TP130	-	Yes	1 - 1/2"	2 - 1/2"	1 - 1/2"	50	48
TP132	"S", Set 5/8"	-	1 - 1/2"	2 - 1/2", 1 Side	1 - 1/2"	50	58
TP131	Hold-Tite	Yes	1 - 1/2" - T	-	1 - 1/2"	50	52

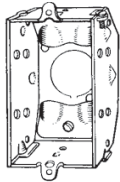
*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP®). MCAP® is a registered trademark of Southwire Company.

Steel Switch Boxes

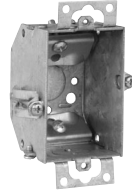
2 1/4" DEEP – GANGABLE – BEVELED CORNERS – 10.5 CUBIC INCH CAPACITY

2" WIDE x 3" LONG

UL LISTED



TP134



TP137 Hold-Tite



TP138

Cat. #	Description	Ears	Bumps	Knockouts			Unit Qty.	Wt. Lbs. Per 100
				Each End	Each Side	Bottom		
Clamp Screws Through Beveled Corners								
TP134	Gangable	-	Yes	2 - Cable	-	1 - 1/2"	50	51
TP137	Gangable	Yes	-	2 - Cable	-	1 - 1/2"	50	57
TP138	Gangable	Yes	-	2 - Cable	-	1 - 1/2"	50	55

2 1/2" DEEP – GANGABLE – 12.5 CUBIC INCH CAPACITY

2" WIDE x 3" LONG

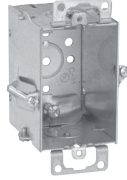
UL LISTED



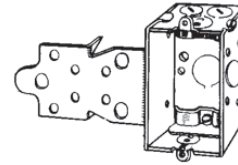
TP158



TP162



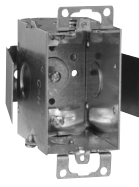
TP163



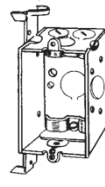
TP164, TP168



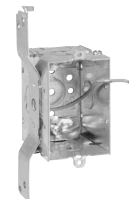
TP170



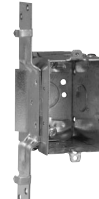
TP161



TP172



TP174



TP171

Cat. #	Bracket	Ears	Ground Pigtail	Leveling Bumps	Knockouts			Unit Qty.	Wt. Lbs. Per 100
					Each End	Each Side	Bottom		
For Non-metallic Cable – Clamps in Each End									
TP158	-	-	-	Yes	2 - Cable, 1 - 1/2"	-	1 - 1/2"	50	59
TP115*	-	Yes	Yes	-	2 - Cable	1 - 1/2"	1 - 1/2"	50	63
TP161	Snap-in	Yes	-	-	2 - Cable	1 - 1/2"	-	50	73
TP162	-	Yes	-	-	2 - Cable	1 - 1/2"	1 - 1/2"	50	62
TP163	Hold-Tite	Yes	-	-	2 - Cable	-	1 - 1/2"	50	65
TP164	"F", Set 1/2"	-	-	-	2 - Cable, 1 - 1/2"	1 - 1/2"	1 - 1/2"	50	71
TP168	"F", Set 1/4"	-	-	-	2 - Cable, 1 - 1/2"	1 - 1/2"	1 - 1/2"	50	71
TP170	"S", Set 5/8"	-	-	-	2 - Cable, 1 - 1/2"	1 - 1/2"	1 - 1/2"	50	69
TP172	"D", Set 5/8"	-	-	-	2 - Cable, 1 - 1/2"	1 - 1/2"	1 - 1/2"	50	70
TP174	"D", Set 5/8"	-	Yes	-	2 - Cable, 1 - 1/2"	1 - 1/2"	1 - 1/2"	50	71
TP171	"VP", Set 1/2"	-	-	-	2 - Cable, 1 - 1/2"	1 - 1/2"	1 - 1/2"	50	73

*Not UL Listed.

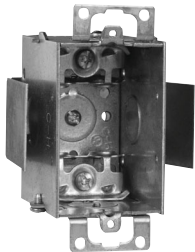
Steel Boxes

Steel Switch Boxes

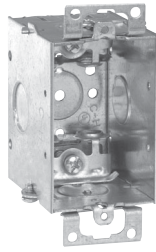
2½" DEEP – GANGABLE – 12.5 CUBIC INCH CAPACITY

2" WIDE x 3" LONG FOR ARMoured & METAL-CLAD (MCI) CABLE – CLAMPS IN EACH END

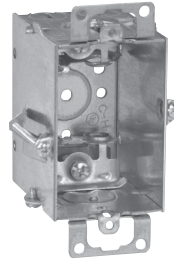
UL LISTED



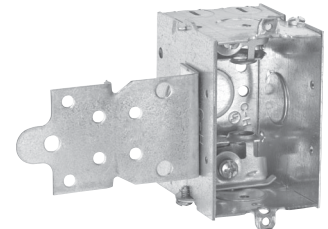
TP177



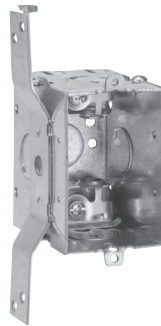
TP178



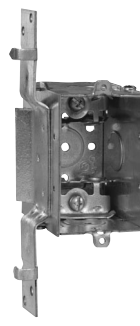
TP179 Hold-Tite



TP180



TP184



TP185

Cat. #	Bracket	Ears	Knockouts			Unit Qty.	Wt. Lbs. Per 100
			Each End	Each Side	Bottom		
TP177*	Snap-in	Yes	2 - Cable	1 - ½"	-	50	74
TP178*	-	Yes	2 - Cable	1 - ½"	1 - ½"	50	63
TP179*	Hold-Tite	Yes	2 - Cable	-	1 - ½"	50	66
TP180*	"F", Set ½"	-	2 - Cable, 1 - ½"	1 - ½"	1 - ½"	50	72
TP184*	"S", Set ⅝"	-	2 - Cable, 1 - ½"	1 - ½"	1 - ½"	50	70
TP185*	"VP", Set ½"	-	2 - Cable, 1 - ½"	1 - ½"	1 - ½"	50	74

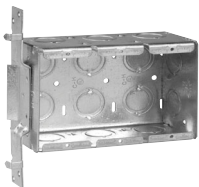
UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP). MCAP™ is a registered trademark of Southwire Company.

Steel Boxes

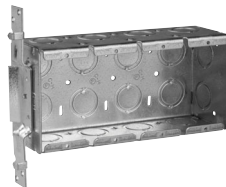
GANG BOXES SET BACK ½"

2½" DEEP – 3¾" HIGH – ½" & ¾" CONCENTRIC KOs

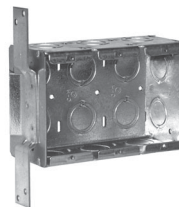
UL LISTED



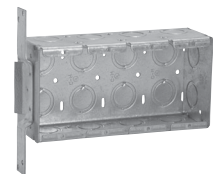
TP632



TP633



TP637



TP638

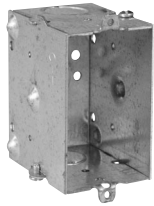
Cat. #	Gang	Bracket	Width	Knockouts			Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
				Each End	Each Side	Bottom			
TP632	3	VP	5⅞"	2	3	6	46.5	5	143
TP633	4	VP	7⅞"	2	4	8	62.0	5	179
TP637	3	VS	5⅞"	2	3	6	46.5	5	143
TP638	4	VS	7⅞"	2	4	8	62.0	5	179

Steel Switch Boxes

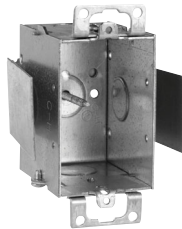
2½" DEEP – GANGABLE – 12.5 CUBIC INCH CAPACITY

**2" WIDE x 3" LONG
FOR CONDUIT – NO CLAMPS**

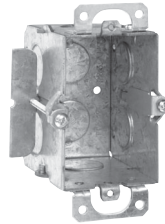
UL LISTED



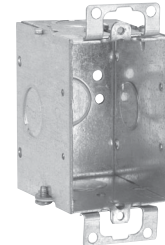
TP214



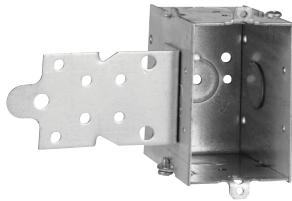
TP216



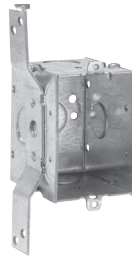
TP217



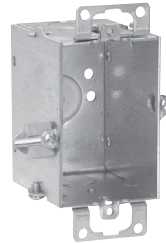
TP218



TP220



TP222



TP224

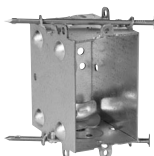
Cat. #	Bracket	Ears	Leveling Bumps	Knockouts			Unit Qty.	Wt. Lbs. Per 100
				Each End	Each Side	Bottom		
TP214	-	-	Yes	1 - ½"	-	1 - ½"	50	55
TP216	Snap-in	Yes	-	1 - ½"	1 - ½"	-	50	69
TP217	-	Yes	-	1 - ½"	-	1 - ½"	50	64
TP218	-	Yes	-	1 - ½"	1 - ½"	1 - ½"	50	58
TP220	"F", Set ½"	-	-	1 - ½"	1 - ½", 1 Side	1 - ½"	50	66
TP222	"S", Set ⅝"	-	-	1 - ½"	1 - ½", 1 Side	1 - ½"	50	65
TP224	Hold-Tite	Yes	-	1 - ½"	-	1 - ½"	50	61

Steel Switch Boxes

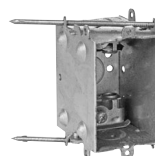
2½" DEEP SWITCH BOXES – "INSTANT ON" – 12.5 CUBIC INCH CAPACITY

2" WIDE x 3" LONG

WITH BUMPS – CLAMPS IN EACH END (BUMPS LEVEL THE BOX AGAINST THE SIDE OF STUD, TOP TO BOTTOM, FRONT TO BACK)



TP210



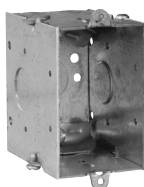
TP213

Cat. #	Clamps	Nails	Knockouts			Unit Qty.	Wt. Lbs. Per 100
			Each End	Each Side	Bottom		
TP210	NM Cable	Angle	2 - Cable, 1 - ½"	-	1 - ½"	50	66
TP213	Armoured Cable	Angle	2 - Cable, 1 - ½"	-	1 - ½"	50	66

2¾" DEEP – GANGABLE – 14.0 CUBIC INCH CAPACITY

2" WIDE x 3" LONG

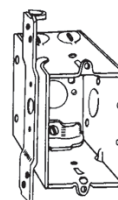
UL LISTED



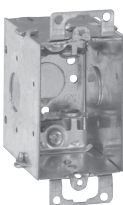
TP660



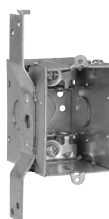
TP662



TP664



TP668



TP670

Cat. #	Bracket	Ears	Knockouts			Unit Qty.	Wt. Lbs. Per 100
			Each End	Each Side	Bottom		
For Non-metallic Cable – Clamps in Each End							
TP660	-	-	2 - Cable	1 - ½"	1 - ½"	50	62
TP662	-	Yes	2 - Cable	1 - ½"	1 - ½"	50	67
TP664	"S", Set ⅝"	-	2 - Cable	1 - ½"	1 - ½"	50	70
For Armoured & Metal-clad (MCI) Cable – Clamps in Each End							
TP668*	-	Yes	2 - Cable	1 - ½"	1 - ½"	50	68
TP670*	"S", Set ⅝"	-	2 - Cable	1 - ½"	1 - ½"	50	71

UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCI (Southwire MCAP). MCAP™ is a registered trademark of Southwire Company.

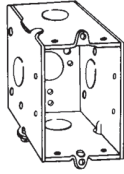
Steel Boxes

Steel Switch Boxes

2³/₄" DEEP – GANGABLE – 14.0 CUBIC INCH CAPACITY

2" WIDE x 3" LONG
FOR CONDUIT – NO CLAMPS

UL LISTED



TP672, TP674



(TP676 – 1 screw ear),
(TP678 – 2 screw ears)



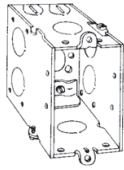
TP680, TP677

Cat. #	Bracket	Ears	Knockouts			Unit Qty.	Wt. Lbs. Per 100
			Each End	Each Side	Bottom		
TP672	-	-	1 - 1/2"	1 - 1/2"	1 - 1/2"	50	59
TP674	-	-	1 - 3/4"	1 - 3/4"	1 - 1/2"	50	59
TP676	-	Yes	1 - 1/2"	1 - 1/2"	1 - 1/2"	50	61
TP678	-	Yes	1 - 3/4"	1 - 3/4"	1 - 1/2"	50	61
TP680	"S", Set 5/8"	-	1 - 1/2"	1 - 1/2", 1 Side	1 - 1/2"	50	70
TP677	"S", Set 5/8"	-	1 - 3/4"	1 - 3/4", 1 Side	1 - 1/2"	50	70

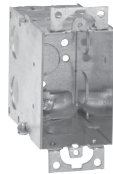
3¹/₂" DEEP – GANGABLE – 18.0 CUBIC INCH CAPACITY

2" WIDE x 3" LONG
FOR NON-METALLIC CABLE – CLAMPS IN EACH END

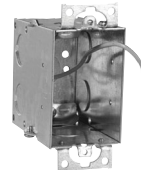
UL LISTED



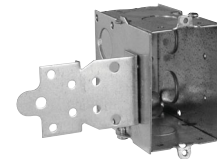
TP236



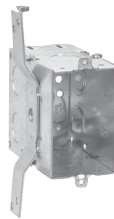
TP238



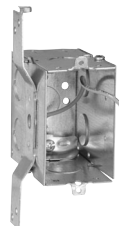
TP239



TP240



TP242



TP243

Cat. #	Bracket	Ground Pigtail	Ears	Knockouts			Unit Qty.	Wt. Lbs. Per 100
				Each End	Each Side	Bottom		
TP236	-	-	-	2 - Cable, 1 - 1/2"	2 - 1/2"	1 - 1/2"	25	78
TP238	-	-	Yes	2 - Cable, 1 - 1/2"	2 - 1/2"	1 - 1/2"	25	80
TP239	-	Yes	Yes	2 - Cable, 1 - 1/2"	2 - 1/2"	1 - 1/2"	25	81
TP240	"F", Set 1/2"	-	-	2 - Cable, 1 - 1/2"	2 - 1/2"	1 - 1/2"	25	88
TP242	"S", Set 7/8"	-	-	2 - Cable, 1 - 1/2"	2 - 1/2"	1 - 1/2"	25	87
TP243	"S", Set 7/8"	Yes	-	2 - Cable, 1 - 1/2"	2 - 1/2"	1 - 1/2"	25	88

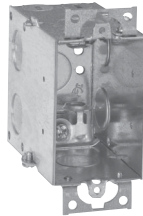
Steel Switch Boxes

3 1/2" DEEP – GANGABLE – 18.0 CUBIC INCH CAPACITY

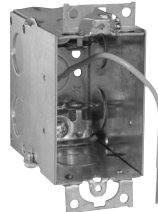
2" WIDE x 3" LONG

FOR ARMoured & METAL-CLAD (MCI) CABLE – CLAMPS IN EACH END

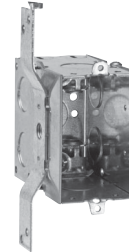
UL LISTED



TP244



TP249



TP246

Cat. #	Bracket	Ground Pigtail	Ears	Knockouts			Unit Qty.	Wt. Lbs. Per 100
				Each End	Each Side	Bottom		
TP244*	-	-	Yes	2 - Cable, 1 - 1/2"	2 - 1/2"	1 - 1/2"	25	81
TP249*	-	Yes	Yes	2 - Cable, 1 - 1/2"	2 - 1/2"	1 - 1/2"	25	82
TP246*	"S", Set 7/8"	-	-	2 - Cable, 1 - 1/2"	2 - 1/2"	1 - 1/2"	25	88

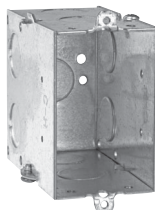
*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCI (Southwire MCAP™). MCAP™ is a registered trademark of Southwire Company.

3 1/2" DEEP – GANGABLE – 18.0 CUBIC INCH CAPACITY

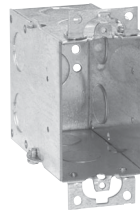
2" WIDE x 3" LONG

FOR CONDUIT – NO CLAMPS

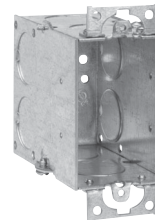
UL LISTED



TP248, TP250



TP252

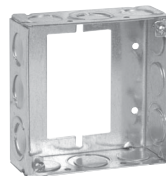


TP254

Cat. #	Bracket	Ears	Knockouts			Unit Qty.	Wt. Lbs. Per 100
			Each End	Each Side	Bottom		
TP248	-	-	2 - 1/2"	2 - 1/2"	1 - 1/2"	25	74
TP250	-	-	2 - 3/4"	2 - 3/4"	1 - 1/2"	25	74
TP252	-	Yes	2 - 1/2"	2 - 1/2"	1 - 1/2"	25	76
TP254	-	Yes	2 - 3/4"	2 - 3/4"	1 - 1/2"	25	76

Steel Boxes

1 1/2" DEEP SWITCH & MASONRY BOX EXTENSION RING



TP422†

Cat. #	Knockouts		Unit Qty.	Wt. Lbs. Per 100
	Sides	Bottom		
1 1/2" Deep Switch & Masonry Box Extension Ring				
TP422†	8 - 1/2", 4 - 1/2" + 3/4" E	-	50	50

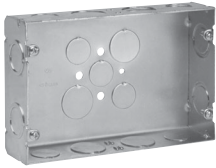
†For use as extension with switch box, not four square box. See page 181 for 4" steel square covers.

Steel Gang Boxes

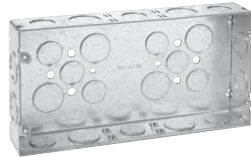
GANG BOXES

1⁵/₈" DEEP x 4¹/₂" HIGH
1/2" & 3/4" KOs

UL LISTED



TP629



TP630



TP640

Cat. #	Gang	Cubic Inches	Width	Knockouts			Unit Qty.	Wt. Lbs. Per 100
				Each End	Each Side	Bottom		
TP629	2	45	6 ³ / ₁₆ "	1 - 1/2", 1 - 3/4"	2 - 1/2", 2 - 3/4"	3 - 1/2", 2 - 3/4"	5	45
TP630	3	58	8 ⁵ / ₈ "	1 - 1/2", 1 - 3/4"	3 - 1/2", 2 - 3/4"	6 - 1/2", 4 - 3/4"	5	58
TP631	4	70	10 ⁷ / ₁₆ "	1 - 1/2", 1 - 3/4"	3 - 1/2", 3 - 3/4"	6 - 1/2", 4 - 3/4"	5	70
TP640	5	85	12 ¹ / ₄ "	1 - 1/2", 1 - 3/4"	4 - 1/2", 3 - 3/4"	6 - 1/2", 4 - 3/4"	1	85
TP641	6	95	14 ¹ / ₁₆ "	1 - 1/2", 1 - 3/4"	4 - 1/2", 4 - 3/4"	6 - 1/2", 4 - 3/4"	1	95

GANG BOXES

2¹/₂" DEEP x 4¹/₂" HIGH
3/4" & 1" KOs

UL LISTED



TP871



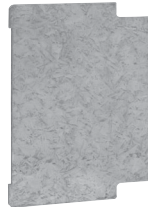
TP873

Cat. #	Gang	Cubic Inches	Width	Knockouts			Unit Qty.	Wt. Lbs. Per 100
				Each End	Each Side	Bottom		
TP870	2	71	6 ³ / ₁₆ "	1 - 3/4", 1 - 1"	2 - 3/4", 1 - 1"	3 - 1/2", 2 - 3/4"	10	147
TP871	3	90	8 ⁵ / ₈ "	1 - 3/4", 1 - 1"	4 - 3/4", 1 - 1"	6 - 1/2", 4 - 3/4"	10	183
TP872	4	110	10 ⁷ / ₁₆ "	1 - 3/4", 1 - 1"	2 - 3/4", 2 - 1"	6 - 1/2", 4 - 3/4"	5	216
TP873	5	132	12 ¹ / ₄ "	1 - 3/4", 1 - 1"	3 - 3/4", 2 - 1"	6 - 1/2", 4 - 3/4"	5	263
TP874	6	150	14 ¹ / ₁₆ "	1 - 3/4", 1 - 1"	3 - 3/4", 3 - 1"	6 - 1/2", 4 - 3/4"	5	282

GANG BOX PARTITIONS



TP876



TP877

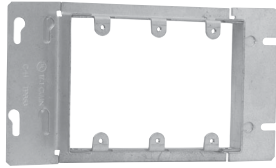
Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP876	For 1 ⁵ / ₈ " Deep Box	25	19
TP877	For 2 ¹ / ₂ " Deep Box	50	24

Steel Gang Box Covers

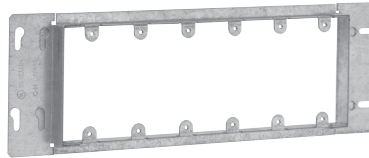
GANG BOX COVERS

RAISED $\frac{13}{16}$ " FOR PLASTER

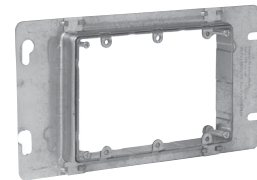
UL LISTED



TP653



TP667



AMR3

Cat. #	Gang	Length	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
TP657	2	7"	8.5	5	53
TP653	3	$8\frac{13}{16}$ "	13.5	5	60
AMR3**†	3	$\frac{3}{4}$ " - $1\frac{1}{2}$ " Raised Adjustable	10.4	25	78
TP655	4	$10\frac{5}{8}$ "	18.3	5	66
TP661	5	$12\frac{7}{16}$ "	23.0	5	75
TP667	6	$14\frac{1}{4}$ "	28.3	5	85

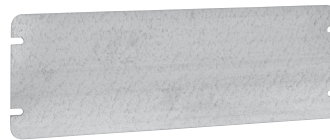
**ETL listed.
†CSA certified.

GANG BOX COVERS, FLAT, BLANK

UL LISTED



TP803



TP806

Cat. #	Gang	Length	Unit Qty.	Wt. Lbs. Per 100
TP802	2	7"	5	66
TP803	3	$8\frac{13}{16}$ "	5	85
TP804	4	$10\frac{5}{8}$ "	5	94
TP805	5	$12\frac{7}{16}$ "	1	122
TP806	6	$14\frac{1}{4}$ "	1	132

Steel Boxes

Steel Masonry Boxes

MASONRY BOXES

2 1/2" DEEP x 3 3/4" HIGH
1/2" & 3/4" CONCENTRIC KOs

UL LISTED



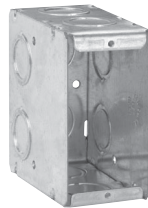
TP682

Cat. #	Gang	Width	Knockouts			Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
			Each End	Each Side	Bottom			
TP682	1	1 15/16"	1	2	2	15.5	20	70
TP683	2	3 3/4"	2	2	4	31.0	10	103
TP684	3	5 9/16"	3	2	6	46.5	5	129
TP685	4	7 3/8"	4	2	8	62.0	5	165
TP686	5	9 3/16"	5	2	10	77.5	5	189
TP687	6	11"	6	2	12	93.0	1	230

MASONRY BOXES

3 1/2" DEEP x 3 3/4" HIGH
1/2" & 3/4" CONCENTRIC KOs

UL LISTED



TP690



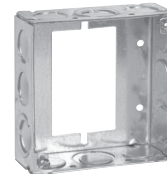
TP691

Cat. #	Gang	Width	Knockouts			Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
			Each End	Each Side	Bottom			
TP690	1	1 15/16"	2	2	2	22.0	20	84
TP691	2	3 3/4"	4	2	4	44.0	10	120
TP692	3	5 9/16"	6	2	6	66.5	10	155
TP693	4	7 3/8"	8	2	8	88.0	5	207
TP694	5	9 3/16"	10	2	10	110.0	5	235
TP695	6	11"	12	2	12	132.0	1	287

MASONRY BOX PARTITIONS & EXTENSION RING



TP820



TP422†

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
Masonry Box Partitions			
TP820	Non-metallic Partition for 2 1/2" Deep Masonry Boxes	25	3
TP821	Non-metallic Partition for 3 1/2" Deep Masonry Boxes	25	4

Cat. #	Knockouts		Unit Qty.	Wt. Lbs. Per 100
	Sides	Bottom		
1 1/2" Deep Switch & Masonry Box Extension Ring				
TP422†	8 - 1/2", 4 - 1/2" + 3/4" E	-	50	50

†For use as extension with switch box, not four square box. See page 181 for 4" steel square covers.

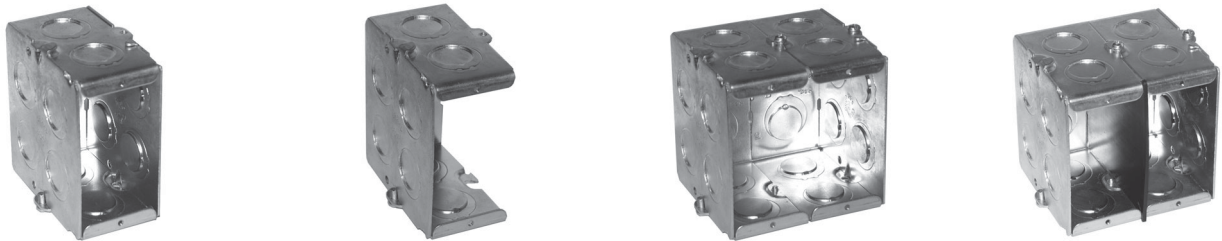
Steel Masonry Boxes

GANGABLE MASONRY BOXES

UL LISTED

Features:

- The gangable feature allows the option of creating a multiple gang box from a single gang box by simply removing the combo head screw holding the side with a #2 bit and connecting the two (or more) boxes together re-using the screws
- Non-metallic partitions (ordered separately) install quickly and easily without tools in multi-gang boxes and are used to separate power and control circuits within the same box, as required by the National Electrical Code®



Cat. #	Width	Knockouts			Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
		Each End	Each Side	Bottom			
2 1/2" Deep x 3 3/4" High, 1/2" & 3/4" Concentric KOs							
TP671	1 15/16"	2	2	2	15.5	20	63
3 1/2" Deep x 3 3/4" High, 1/2" & 3/4" Concentric KOs							
TP675	1 15/16"	2	4	2	22.0	20	82

GANGABLE MASONRY BOX PARTITIONS



TP654

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP654	Non-metallic Partition for 2 1/2" Deep Gangable Masonry Boxes	25	4
TP656	Non-metallic Partition for 3 1/2" Deep Gangable Masonry Boxes	25	6

Steel Octagon Boxes & Ceiling Pans

3 1/4" ROUND CEILING PANS† – 4.0 CUBIC INCH CAPACITY

1/2" DEEP
CLAMPS IN BOTTOM
FIXTURE RATED
UL LISTED



TP266

Cat. #	Knockouts		Unit Qty.	Wt. Lbs. Per 100
	Cable	Conduit		
TP266	4 - Cable	1 - 1/2"	50	30

†Weight limit for 3 1/4" and 4" Octagon Outlet Boxes and Ceiling Pans is 50 lbs. for fixture/luminaire. Not suitable for fans.

3 1/4" OCTAGON OUTLET BOXES† – 9.0 CUBIC INCH CAPACITY

1 1/2" DEEP
FIXTURE RATED
UL LISTED



TP256

TP258

TP259

TP260

TP264

Cat. #	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
For Conduit – No Clamps					
TP256	-	4 - 1/2"	1 - 1/2"	50	41
TP258	Extension Ring	4 - 1/2"	-	50	31
For Non-metallic Cable with Clamps					
TP259	"S" Bracket, Set 1/2"	4 - Cable, 1 - 1/2"	1 - 1/2"	50	53
TP260	-	4 - Cable, 2 - 1/2"	1 - 1/2"	50	44
TP264	Two Screw Ears	4 - Cable, 2 - 1/2"	1 - 1/2"	50	47

†Weight limit for 3 1/4" and 4" Octagon Outlet Boxes and Ceiling Pans is 50 lbs. for fixture/luminaire. Not suitable for fans.

3 1/4" ROUND CEILING COVERS

UL LISTED



TP270



TP272

Cat. #	Knockouts		Unit Qty.	Wt. Lbs. Per 100
	Cable	Conduit		
TP270	Flat Blank		100	18
TP272	Flat, 1/2" KO in Center		100	18

Steel Octagon Boxes & Ceiling Pans

4" ROUND CEILING PANS* – 6.0 CUBIC INCH CAPACITY

1/2" DEEP
FIXTURE RATED
UL LISTED



TP269



TP267

Cat. #	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
TP269	KOs Only	-	5 - 1/2"	50	35
TP267	KOs and Clamps	-	4 - Cable, 3 - 1/2"	50	39

*Weight limit for 3/4" and 4" Octagon Outlet Boxes and Ceiling Pans is 50 lbs. for fixture. Not suitable for fans.

4" OCTAGON OUTLET BOXES† – 15.5 CUBIC INCH CAPACITY

1 1/2" DEEP
FOR CONDUIT – NO CLAMPS
FIXTURE RATED
UL LISTED



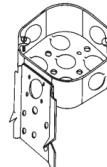
TP274, TP278,
TP834*



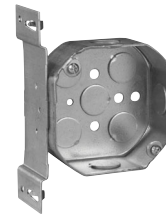
TP276



TP273



TP280



TP282



TP284, TP286

Cat. #	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
TP274	-	4 - 1/2"	5 - 1/2"	50	50
TP273	Blank Bottom	4 - 1/2"	-	50	51
TP276	-	4 - 3/4"	3 - 1/2", 2 - 3/4"	50	50
TP278	-	2 - 1/2", 2 - 3/4"	3 - 1/2", 2 - 3/4"	50	50
TP280	"C" Bracket	4 - 1/2"	5 - 1/2"	50	60
TP282	"S" Bracket, Set 1/2"	3 - 1/2"	5 - 1/2"	50	58

Air Plenum

TP834*	For Air Plenum	4 - 1/2"	5 - 1/2"	50	52
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Octagon Extension Rings – (Slot & Key Permit Mounting without Removing Box Screws)

TP284‡	-	4 - 1/2"	-	50	36
TP286‡	-	2 - 1/2", 2 - 3/4"	-	50	36

*For Air Plenum (no mounting holes) - not UL Listed.

†Weight limit for 3/4" and 4" Octagon Outlet Boxes and Ceiling Pans is 50 lbs. for fixture/luminaire. Not suitable for fans.

‡CSA certified.

Steel Boxes

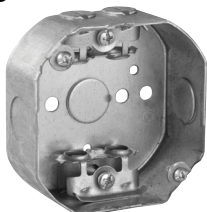
Steel Octagon Boxes & Ceiling Pans

4" OCTAGON OUTLET BOXES† – 15.5 CUBIC INCH CAPACITY

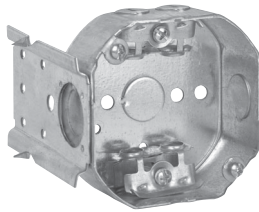
1½" DEEP

FOR ARMoured & METAL-CLAD (MCI) CABLE – CLAMPS IN EACH END
FIXTURE RATED

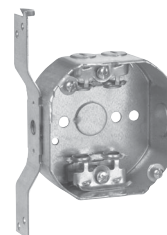
UL LISTED



TP310



TP312



TP314

Cat. #	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
TP310*	-	4 - Cable, 2 - ½"	1 - ½"	50	57
TP312*	"C" Bracket	4 - Cable, 2 - ½"	1 - ½"	50	66
TP314*	"S" Bracket, Set ½"	4 - Cable, 1 - ½"	1 - ½"	50	64

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).

MCAP™ is a registered trademark of Southwire Company.

†Weight limit for 3¼" and 4" Octagon Outlet Boxes and Ceiling Pans is 50 lbs. for fixture/luminaire. Not suitable for fans.

4" OCTAGON OUTLET BOXES† – 15.5 CUBIC INCH CAPACITY

1½" DEEP

FOR NON-METALLIC CABLE – WITH CLAMPS
FIXTURE RATED

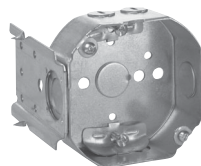
UL LISTED



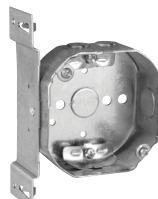
TP298



TP300



TP302



TP304



TP306



TP308

Cat. #	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
TP298	-	4 - Cable, 2 - ½"	1 - ½"	50	56
TP300	With Side Nail Holes	4 - Cable, 2 - ½"	1 - ½"	50	55
TP302	"C" Bracket	4 - Cable, 2 - ½"	1 - ½"	50	65
TP304	"S" Bracket, Set ½"	4 - Cable, 1 - ½"	1 - ½"	50	64
TP306	Two Screw Ears	4 - Cable, 2 - ½"	1 - ½"	50	58
TP308	"F" Bracket, Set ½"	4 - Cable, 1 - ½"	1 - ½"	50	64

†Weight limit for 3¼" and 4" Octagon Outlet Boxes and Ceiling Pans is 50 lbs. for fixture/luminaire. Not suitable for fans.

Steel Boxes

Steel Octagon Boxes & Ceiling Pans

4" OCTAGON OUTLET BOXES† – 21.5 CUBIC INCH CAPACITY

2 1/8" DEEP
FOR CONDUIT – NO CLAMPS
FIXTURE RATED
UL LISTED



TP288, TP290, TP294



TP292, TP838*



TP292RED



TP339

Cat. #	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
TP288	-	4 - 1/2"	3 - 1/2", 2 - 3/4"	25	64
TP288PF‡	-	4 - 1/2"	3 - 1/2", 2 - 3/4"	25	64
TP290	-	4 - 3/4"	3 - 1/2", 2 - 3/4"	25	64
TP290PF‡	-	4 - 3/4"	3 - 1/2", 2 - 3/4"	25	64
TP292	-	2 - 1/2", 2 - 3/4"	3 - 1/2", 2 - 3/4"	25	64
TP292PF‡	-	2 - 1/2", 2 - 3/4"	3 - 1/2", 2 - 3/4"	25	64
TP292RED	-	2 - 1/2", 2 - 3/4"	3 - 1/2", 2 - 3/4"	25	64
TP294	-	4 - 1"	3 - 1/2", 2 - 3/4"	25	64
TP339	Blank Bottom	4 - 1/2"	-	25	65
Air Plenum					
TP838*	For Air Plenum	2 - 1/2", 2 - 3/4"	3 - 1/2", 2 - 3/4"	25	62

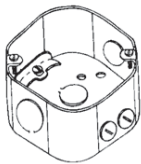
*For Air Plenum (no mounting holes) - not UL Listed.

†Weight limit for 3/4" and 4" Octagon Outlet Boxes and Ceiling Pans is 50 lbs. for fixture/luminaire. Not suitable for fans.

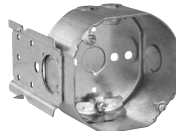
‡TP catalog numbers ending in PF include ground screw with pigtail lead.

4" OCTAGON OUTLET BOXES† – 21.5 CUBIC INCH CAPACITY

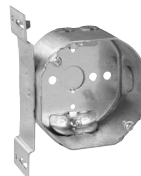
2 1/8" DEEP – WITH CABLE CLAMPS
FIXTURE RATED
UL LISTED



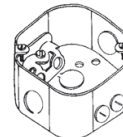
TP316



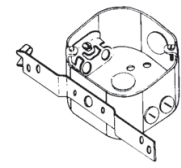
TP318



TP320



TP317



TP338

Cat. #	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
For Non-metallic Cable					
TP316	-	4 - Cable, 2 - 1/2"	1 - 1/2"	25	68
TP318	"C" Bracket	4 - Cable, 2 - 1/2"	1 - 1/2"	25	88
TP320	"S" Bracket, Set 1/2"	4 - Cable, 1 - 1/2"	1 - 1/2"	25	81
For Armoured & Metal-clad (MCI) Cable – Clamps in Each End					
TP317*	-	4 - Cable, 2 - 1/2"	1 - 1/2"	25	69
TP338*	"S" Bracket, Set 1/2"	4 - Cable, 1 - 1/2"	1 - 1/2"	25	82
TP338PF‡	"S" Bracket, Set 1/2"	4 - Cable, 1 - 1/2"	1 - 1/2"	25	82

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).

MCAP™ is a registered trademark of Southwire Company.

†Weight limit for 3/4" and 4" Octagon Outlet Boxes and Ceiling Pans is 50 lbs. for fixture/luminaire. Not suitable for fans.

‡TP catalog numbers ending in PF include ground screw with pigtail lead.

Steel Boxes

Steel Octagon Covers & Accessories

4" OCTAGON BOX & ADJUSTABLE BAR SETS – 15.5 CUBIC INCH CAPACITY

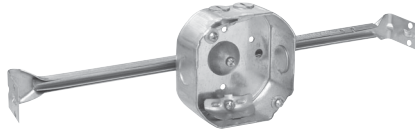
1½" DEEP BOX SETS
FIXTURE RATED

UL LISTED

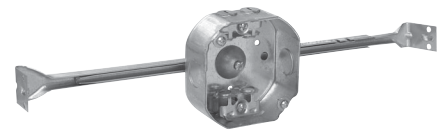
Weight limits: 50 lbs. at 16".



TP372



TP377



TP367

Cat. #	Stud Spacing	Stud	Unit Qty.	Wt. Lbs. Per 100
For Conduit – No Clamps				
TP372*	16"	Yes	25	85
For Non-metallic Cable – with Clamps				
TP377	16"	-	25	102
For Armoured & Metal-clad (MCI) Cable – Clamps in Each End				
TP367	16"	-	25	100
TP367PF†	16"	-	25	100

*4" Octagon Box and Adjustable Bar Sets have ½" KOs for conduit.
†TP catalog numbers ending in PF include ground screw with pigtail lead.

ADJUSTABLE BAR HANGERS

UL LISTED

Features:

- Holding prong holds box in place for nailing
- Design resists bending and twisting
- Locking tabs to hold bar in position

Steel Boxes



TP356



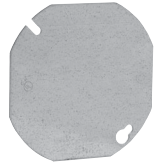
TP352

Cat. #	Stud Spacing	Fan Rated	16" Fan Weight (Lbs.)	24" Fan Weight (Lbs.)	Fixture Rated	16" Fixture Weight (Lbs.)	24" Fixture Weight (Lbs.)	Unit Qty.	Wt. Lbs. Per 100
TP356	16"	No	-	-	Yes	50	-	50	41.0
TP352	16" - 24"	Yes	70	-	Yes	90	50	50	34.1

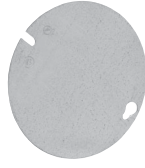
Steel Octagon Covers & Accessories

4" OCTAGON BOX COVERS – CUBIC CAPACITY (SEE BELOW)

UL LISTED



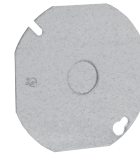
TP322, TP853*



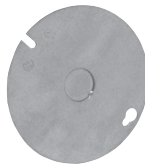
TP323



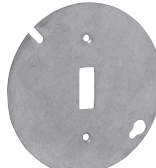
TP326, TP331,
TP332, TP333



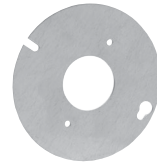
TP328



TP329



TP335



TP334



TP336

Cat. #	Description	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
TP322†	Flat Blank, Octagon Shape	-	50	22
TP322RED†	Flat Blank, Octagon Shape	-	50	22
TP323†	Flat Blank, Round Shape	-	50	24
TP333	Raised 1", Open with Ears 2 ³ / ₄ "	7.0	25	30
TP332	Raised 1/2", Open with Ears 2 ³ / ₄ "	3.3	50	22
TP326	Raised 3/8", Open with Ears 2 ³ / ₄ "	3.8	50	20
TP331	Raised 3/4", Open with Ears 2 ³ / ₄ "	5.0	50	26
TP328†	Flat with 1/2" KO, Octagon Shape	-	50	22
TP329†	Flat with 1/2" KO, Round Shape	-	50	24
TP335	Flat, for Toggle Switch	-	50	23
TP334‡	Flat, Single Receptacle 1 ¹³ / ₃₂ "	-	50	21
TP336	Flat, for Duplex Receptacle	-	50	18
Air Plenum				
TP853*‡	Flat, Blank with PVC Gasket	-	50	24

*For Air Plenum (no mounting holes).

†CSA certified.

‡Not UL Listed.

FLEXIBLE FIXTURE HANGERS

TPRFH Flexible Fixture Hangers are used in commercial or light industrial applications where HID high bay and low bay lighting fixtures are used. Specific applications include storage facilities, shipping warehouses, retail and DIY facilities.

Features:

- Suitable for use with 1/2" or 3/4" fixture conduit stems, these hangers allow the conduit stem of the fixture (luminaire) to swing in any direction; maximum swing angle is 26° from vertical max. slope angles 22 1/2°
- Available for attachment to round or octagonal steel boxes
- Quickly and easily attached by two screws
- Hangers are drilled and tapped for use with 3/4" conduit stem as standard and come supplied with a 3/4" - 1/2" reducer for 1/2" conduit stem applications

Certifications and Compliances:

- UL1598
- CSA C22.2 No. 250
- Suitable for damp locations



Standard Materials and Finishes:

- Material – sheet steel
- Finish – zinc chromate for corrosion resistance

Cat. #	Description	Support Wt. (Lbs.)
TPRFH12	For use with 4" Round or Octagon Boxes	50

Steel Specialty Boxes

LAMPHOLDERS

Applications:

- For use with 4" octagon boxes

Standard Material:

- Plastic molded of heat- and impact-resistant material that prevents discoloring and reduces breakage



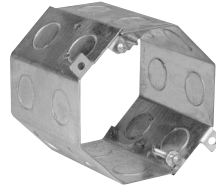
Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP16099	Lampholder, Keyless, Feed Through	50	23

4" OCTAGON CONCRETE BOXES & HUNG CEILING BOXES*

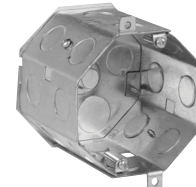
UL LISTED



TP620, TP622, TP628



TP635, TP636, TP644



TP623, TP624
(Bars Not Included)

Cat. #	Depth	Knockouts	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
TP620*	2"	1/2" and 3/4" Single Row	23.0	25	60
TP622*	2 1/2"	1/2" and 3/4" Single Row	29.0	25	72
TP628*	3"	1/2" and 3/4" Single Row	35.0	20	85
TP634†	3"	1" and 3/4" Single Row	30.3	20	77
TP635*	3 1/2"	1/2" Double Row	43.0	20	93
TP636*	3 1/2"	1/2" and 3/4" Double Row	43.0	20	93
TP639†	3 1/2"	1" and 3/4" Double Row	41.0	20	89
TP642†	4"	1" and 3/4" Double Row	47.0	20	106
TP644*	4"	1/2" and 3/4" Double Row	47.0	20	113
Hung Ceiling Boxes (with TP650 Cover; Bars Not Included)					
TP623*	3 1/2"	1/2" Double Row	43.0	20	93
TP624*	3 1/2"	1/2" and 3/4" Double Row	43.0	20	93

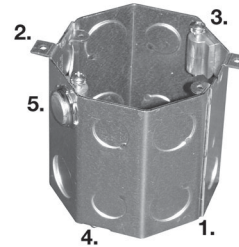
*Weight limit for 4" Octagon Concrete Boxes is 50 lbs. Not suitable for fans.
†Not UL Listed.

Steel Specialty Boxes

4" FAN RATED OCTAGON CONCRETE BOX UL LISTED



TP643



Applications:

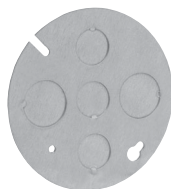
- Used in poured deck applications
- Typical construction includes: high rises, apartments, condominiums and restaurants with outdoor dining areas
- Installed on wooden or steel forms and concrete poured around
- Upon removal of the forms, the box is flush with the concrete
- It is common, and continuing to become even more so, to have ceiling fans mounted to these boxes; because of the additional mounting support boss, this new box is suitable for use with fans of up to 70 pounds and fixtures up to 90 pounds

Features:

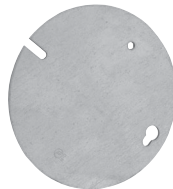
1. The TP643 Fan Rated Concrete Box is made from two-piece welded construction and is supplied with two rows of 1/2" and 3/4" dedicated KOs
2. The box is also supplied with two external mounting ears which are used to secure the box to the forms
3. The fan (or fixture) is held securely in place by the two 10-32 x 1 1/2" long pan head screws and lock washers; the screws attach to the specially designed boss
4. There are two 8-32 x 1/2" screws provided for attachment of a box plate/cover (TP648, TP649 or TP650 – ordered separately)
5. Mounting support boss and locknuts allow the TP643 box to be used with fans of up to 70 pounds and fixtures up to 90 pounds

Cat. #	Depth	Knockouts	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
TP643	4"	1/2" and 3/4"	46.0	20	102

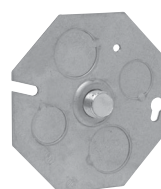
CONCRETE BOX PLATES UL LISTED



TP648



TP649



TP650



TP652

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP648	No Stud, 3 - 1/2" and 2 - 3/4" KOs	50	28
TP649	Flat, Blank	50	28
TP650	3/8" Stud, 2 - 1/2" and 2 - 3/4" KOs	50	33
TP652	Single Receptacle	50	24

Steel Boxes

Ceiling Fan Boxes & Supports

CEILING FAN BOXES & SUPPORTS – CUBIC INCH CAPACITY (SEE BELOW)

UL LISTED

Weight limits:

TP261 – 35 lbs. max. for fans; 50 lbs. max. for fixture.

TP301 – Fan is supported independent of outlet box. Mounting screws go through box and into joist. Box will support fans up to 70 lbs. and fixtures up to 90 lbs.

TP275 – 70 lbs. max. for fans; 90 lbs. max. for fixtures.



TP275



TP261



TP301



TP315



TP379



TP352

Cat. #	Description	Stud Spacing	Capacity Cu. In.	Knockouts		Unit Qty.	Wt. Lbs. Per 100	Weight Limits (Lbs.)	
				Sides	Bottom			Fans	Fixtures
TP275	1 1/2" Deep, Clamps and Mounting Screws (Polybagged)	-	15.5	4 - Cable, 2 - 1/2"	1 - 1/2"	20	66.6	70	90
TP315†	1 1/2" Deep Octagon, Fan Box with New Work Bar Hanger	16" - 24"	15.5	2 - 1/2"	2 - 1/2"	12	192.0	35	50
TP379	1 1/2" Deep with Fan Brace Old Work Bar Hanger	16" - 24"	15.5	4 - 1/2"	2 - 1/2"	12	207.0	35	50
TP261	5/8" Deep with External Clamp and Mounting Screws (Polybagged)	-	8.0	-	2 - 1/2"	20	50.0	35	50
TP301*	1/2" Deep, 4" Round, with NM Snap-in Connector, Mtg. Screws, Protective Cover (No Bag)	-	6.8	-	3 - 1/2"	20	51.0	70*	90*

*TP301 Fan is supported independent of outlet box.

†TP315 comes with Romex clamp installed on one side. The other three sides have a 1/2" KO, a bagged MC clamp and screw, and a bagged plastic NM connector.

ADJUSTABLE BAR HANGERS

Cat. #	Stud Spacing	Fan Rated	16" Fan Weight (Lbs.)	24" Fan Weight (Lbs.)	Fixture Rated	16" Fixture Weight (Lbs.)	24" Fixture Weight (Lbs.)	Unit Qty.	Wt. Lbs. Per 100
TP352	16" - 24"	Yes	70	-	Yes	90	50	50	34.1

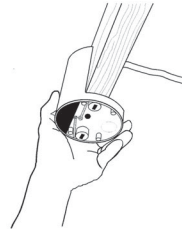
Steel Boxes

Ceiling Fan Boxes & Supports

CEILING FAN BOXES – PVC

UL LISTED

Weight limits: fans and fixtures are supported independent of outlet box. Mounting screws go through box and into joist. Box will support up to 70 lbs. for fans and 90 lbs. for fixtures. Provided with Romex connector.



TP1300

Cat. #	Description	Capacity Cu. In.	Knockouts	Integral Clamp	Unit Qty.	Wt. Lbs. Per 100
TP1300	4 ¹ / ₁₆ " Dia., ¹ / ₂ " Deep Pan Section, 4" Deep Overall – with Mtg. Hardware and External Clamp, Protective Cover	14.0	3 - ¹ / ₂ "	1	24	34

NON-METALLIC CEILING FAN BOXES

2³/₁₆" DEEP

UL LISTED

With clamps for non-metallic cable.

All mounting hardware supplied; suitable for support of fans weighing up to 35 lbs.

Features:

- Made of heavy duty, engineered thermoplastic material
- Offers the labor saving feature of quick entry and integral clamping
- Eliminates the need to use a screwdriver to break open pry-outs
- The easy access entry point serves as a wire clamp, eliminating time required to mechanically secure the wire to the box



TP16511

Cat. #	Diameter	Mounting Method	Capacity Cu. In.	No. of Clamp Openings	Unit Qty.	Wt. Lbs. Per 100
TP16511	4"	Nails Only	22.5	6	25	21

Steel Boxes

Steel Box Accessories

GROUNDING SCREW & PIGTAIL



TP711



TP701



TP704



TP704BULK

Cat. #	Description	Std. Pkg.	Unit Qty.	Wt. Lbs. Per 100
TP701	Grounding Screw with 8" Insulated No. 12 Stranded Wire	1000	1000	2.0
TP711	Grounding Screw with 8" Insulated No. 12 Copper Wire	1000	1000	2.0
TP704	#10-32 x 3/8" Grounding Screw	1000	1000	0.5
TP704BULK	#10-32 x 3/8" Grounding Screws in Jar	1000	1000	0.4

LOW PROFILE MOUNTING & DRILLING & TAPPING SCREWS



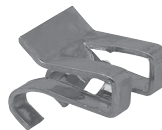
TP710



STS8BULK

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
Low Profile Screws – Reduces Risk of Sheetrock Bulge			
TP710	#8 x 1/2" L.P. Screws	1000	0.5
STS8BULK	#8 x 1/2" Self-tapping Screw Jar	1000	0.4

GROUNDING CLIP



TP706

Cat. #	Description	Std. Pkg.	Unit Qty.	Wt. Lbs. Per 100
TP706	For Grounding Switch and Outlet Boxes Using Non-metallic Sheathed Cables No. 14 and No. 12, with Grounding Wire	1000	100	0.5

OLD WORK CLIP



TP651

Cat. #	Description	Std. Pkg.	Unit Qty.	Wt. Lbs. Per 100
TP651	Clips Lock Old Work Steel Switch Boxes Tightly to Wall; Two Required Per Box	250 Sets	25 Sets	4

REPLACEMENT PARTS



TP900



TP901



TP902

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP900	MC-BX Clamp with Screws	200	17.3
TP901	One Screw Mounting Ear with Screws	200	3.2
TP902	Two Screw Mounting Ear with Screws	200	2.7

Steel Box Accessories

HOLD-IT SWITCH BOX SUPPORTS

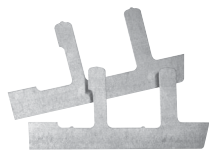


FIG. 1



FIG. 2

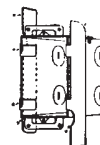


FIG. 3

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP708	Two Metal Holders for Mounting Old Work Switch Boxes in All Types of Wall Materials	500 Sets	5

SWITCH BOX EXTENSIONS



TP709

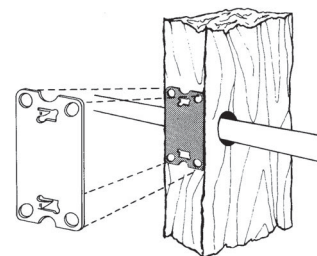
Cat. #	Description	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
TP709*	Fits Snugly Inside All 3" x 2" Width Boxes; Maximum Adjustable Depth 0.78"; Furnished with Mounting Screws	3.5	50	13

*Not UL Listed.

STEEL STUD SAFETY PLATES

Features:

- Meets requirement of National Electric Code®
- Same size as face of stud
- No nails required
- Protects electrical cable and copper water pipes



Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP659	2" x 3 1/8" Steel Plate	100	11

"BACK TO BACK" BOX CONNECTORS – ZINC DIE CAST

Applications:

- For use as a short raceway between two boxes
- Width 1.00"; length 1.12"



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
5050	1/2"	25	8

Steel Boxes

Steel Square Boxes

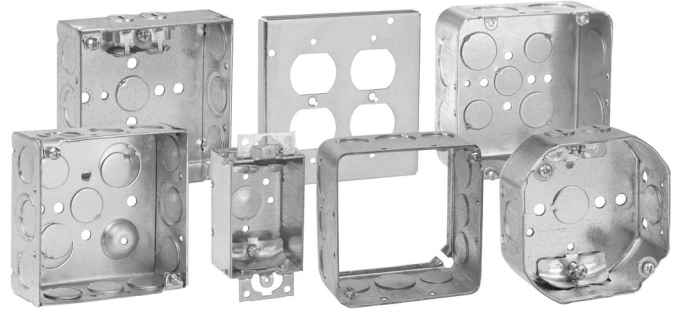
4" SQUARE OUTLET BOXES & COVERS

Applications:

- For use with conduit

Features:

- Ideal for exposed work applications, providing an easy method for the installation of electrical devices (switches, receptacles, fans, lights, etc.)
- Raised ground screw location in the welded boxes saves time in installation
- Standard with pre-installed ground screws and available with ground pigtails for increased labor savings
- Knockouts are suitable for use without a bonding jumper in circuits above or below 250 volts
- Available in different depths for differing cubic capacity requirements
- Welded or drawn construction to match customer preference
- Extensive cover offering to meet various customer applications and needs



Certifications and Compliances:

- CSA Listed
- CSA File No. LR 97704-2

4" SQUARE OUTLET BOXES – 22.0 CUBIC INCH CAPACITY (WELDED) 21.0 CUBIC INCH CAPACITY (DRAWN)

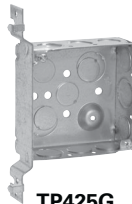
1½" DEEP – FOR CONDUIT

UL LISTED

CSA LISTED



TP404G



TP425G



TP414G

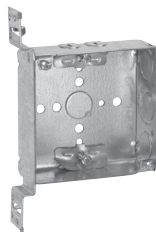
Cat. #	Metal Stud Sizes	Bracket	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
				Sides	Bottom		
TP404G	-	-	Welded	8 - ½", 4 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	50	72
TP425G	All	"VP"	Welded	6 - ½", 3 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	25	82
TP423G	All	"VMS"	Welded	6 - ½", 3 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	25	81
TP414G	-	-	Drawn	8 - ½", 4 - ¾"	3 - ½", 2 - ¾"	50	67



Steel Square Boxes

4" SQUARE OUTLET BOXES – 22.0 CUBIC INCH CAPACITY

1½" DEEP
 FOR NON-METALLIC CABLE – CLAMPS IN EACH END
 UL LISTED
 CSA LISTED

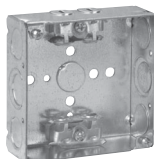


TP449G

Cat. #	Bracket	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
			Sides	Bottom		
TP449G	"VMS"	Welded	4 - Cable, 2 - ½", 1 - ½" + ¾" E	1 - ½"	25	85

4" SQUARE OUTLET BOXES – 22.0 CUBIC INCH CAPACITY

1½" DEEP
 FOR ARMoured & METAL-CLAD (MCI) CABLE & HCF CABLE – CLAMPS IN EACH END
 UL LISTED
 CSA LISTED



TP454G

Cat. #	Bracket	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
			Sides	Bottom		
TP454G*	-	Welded	4 - Cable, 4 - ½", 2 - ½" + ¾" E	1 - ½"	50	81

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCI (Southwire MCAP™). MCAP™ is a registered trademark of Southwire Company.



Steel Square Boxes

4" SQUARE OUTLET BOXES – 30.3 CUBIC INCH CAPACITY

2 1/8" DEEP – FOR CONDUIT

UL LISTED

CSA LISTED



TP403G/TP403PFG



TP432G



TP434G



TP438G



TP451G

Cat. #	Bracket	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
			Sides	Bottom		
TP403G	-	Welded	8 - 1/2", 4 - 1/2" + 3/4" E	2 - 1/2", 2 - 1/2" + 3/4" E	25	84
TP403PFG†	-	Welded	8 - 1/2", 4 - 1/2" + 3/4" E	2 - 1/2", 2 - 1/2" + 3/4" E	25	84
TP432G	-	Welded	8 - 3/4"	2 - 1/2", 2 - 1/2" + 3/4" E	25	84
TP436G	-	Welded	8 - 1"	2 - 1/2", 2 - 1/2" + 3/4" E	25	84
TP434G	-	Drawn	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	84
TP438G	-	Drawn	4 - 1/2", 6 - 1/2" + 3/4" C	3 - 1/2", 2 - 3/4"	25	84
TP451G	"VMS"	Welded	6 - 1/2", 3 - 1/2" + 3/4" E	2 - 1/2", 2 - 1/2" + 3/4" E	25	96

†TP catalog numbers ending in PF include ground screw with pigtail lead.

Steel Boxes



Steel Square Boxes & Covers

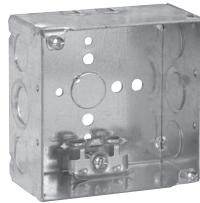
4" SQUARE OUTLET BOXES – 30.3 CUBIC INCH CAPACITY

2 1/8" DEEP

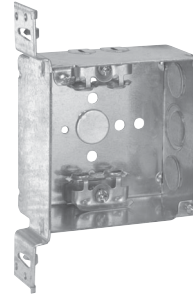
FOR ARMoured & METAL-CLAD (MCI) CABLE & HCF CABLE – CLAMPS IN EACH END

UL LISTED

CSA LISTED



TP431G



TP440G

Cat. #	Metal Stud Sizes	Bracket	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
				Sides	Bottom		
TP431G*	-	-	Welded	4 – Cable, 4 – 1/2", 2 – 1/2" & 3/4" E	1 – 1/2"	25	91
TP440G*	All	"VMS"	Welded	4 – Cable, 2 – 1/2", 1 – 1/2" & 3/4" E	1 – 1/2"	25	103

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MClA (Southwire MCAP®). MCAP® is a registered trademark of Southwire Company.

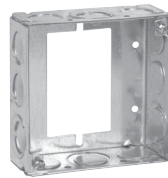
4" SQUARE EXTENSION RINGS

1 1/2" DEEP WITH CONDUIT KNOCKOUTS – 21.0 CUBIC INCH CAPACITY

2 1/8" DEEP WITH CONDUIT KNOCKOUTS – 30.3 CUBIC INCH CAPACITY

UL LISTED

CSA LISTED



TP422†



TP443 (2 1/8" Deep)

Cat. #	Knockouts		Unit Qty.	Wt. Lbs. Per 100
	Sides	Bottom		
1 1/2" Deep Switch & Masonry Box Extension Ring				
TP422†	8 – 1/2", 4 – 1/2" + 3/4" E	-	50	50
2 1/8" Deep				
TP443	8 – 1/2", 4 – 3/4"	-	25	66
TP465	8 – 1"	-	25	60

†For use as extension with switch box, not four square box.



Steel Square Covers

COVERS FOR 4" SQUARE BOXES – CUBIC INCH CAPACITY (SEE BELOW)

UL LISTED

CSA LISTED

#8-32 Screw Used on Covers



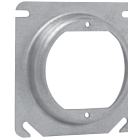
TP472



TP474



TP478
TP487



TP473, TP475,
TP476, TP477,
TP479, TP483

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100	Capacity Cu. In.
TP472	Flat Blank	50	31	-
TP474	Flat, Open with Ears 2 ³ / ₄ "	50	21	-
TP478	Flat, with 1/2" KO	50	31	-
TP487	Flat, with 3/4" KO	50	29	-
TP473	Raised 1/4", Open with Ears 2 ³ / ₄ "	50	23	1.3
TP476	Raised 1/2", Open with Ears 2 ³ / ₄ "	50	26	4.0
TP477	Raised 5/8", Open with Ears 2 ³ / ₄ "	50	27	5.0
TP475	Raised 3/4", Open with Ears 2 ³ / ₄ "	25	31	6.0
TP479	Raised 1", Open with Ears 2 ³ / ₄ "	25	34	7.0
TP483	Raised 1 1/4", Open with Ears 2 ³ / ₄ "	25	37	8.5

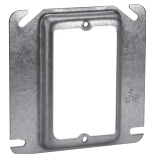
MUD RINGS FOR 4" SQUARE STEEL OUTLET BOXES

UL LISTED

CSA LISTED



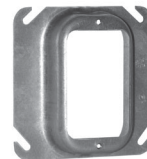
TP480



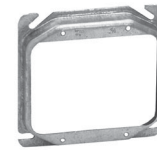
TP482, TP484,
TP486, TP489



TP494



TP488, TP490



TP496, TP499,
TP500, TP501,
TP502

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100	Capacity Cu. In.
One Device				
TP480	Flat	50	20	-
TP482	1/4" Raised	50	21	1.8
TP484	1/2" Raised	50	23	3.8
TP489	5/8" Raised	50	26	4.3
TP486	3/4" Raised	50	30	5.5
TP488	1" Raised	50	34	6.8
TP490	1 1/4" Raised	25	39	8.5
Two Device				
TP494	Flat	50	12	-
TP496†	1/4" Raised	50	13	3.0
TP498†	1/2" Raised	50	18	6.0
TP499†	5/8" Raised	50	22	8.0
TP500†	3/4" Raised	50	24	9.0
TP501	1 1/4" Raised	25	31	14.0
TP502	1" Raised	25	30	11.7

†Slotted design for use with 4" square box partitions.



Steel Square Covers

4" SQUARE SURFACE COVERS – 5.5 CUBIC INCH CAPACITY

RAISED 1/2"

UL LISTED

CSA LISTED



Screw(s) provided in raised cover kit are for use with the center hole on duplex receptacles. Nuts that are provided in kit are to be used in conjunction with the screws that are provided as standard packaging with devices to mount device to raised cover. For GFCI device installation, no screw is needed; please disregard.



TP503



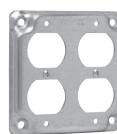
TP504



TP506



TP508



TP510



TP512



TP507, TP514,
TP519



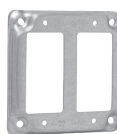
TP516



TP509 (4 Screws),
TP518 (2 Screws)



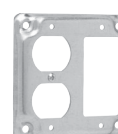
TP513



TP511



TP515



TP517

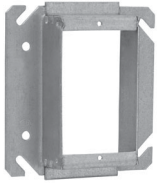
Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP503	Raised Blank	50	35
TP504	For One Toggle Switch and One Single Receptacle 1 ¹³ / ₃₂ " Dia.	50	31
TP506	For One Toggle Switch and One Duplex Receptacle	50	31
TP508	For Two Toggle Switches	50	35
TP510	For Two Duplex Receptacles	50	26
TP512	For One Toggle Switch	50	35
TP507	For One 20 Amp Single Receptacle 1 ¹⁹ / ₃₂ " Dia.	50	37
TP514	For One Single Receptacle 1 ¹³ / ₃₂ " Dia.	50	34
TP519	For One 30 Amp Twist-Lock Single Receptacle 1 ²³ / ₃₂ " Dia.	50	37
TP516	For One Duplex Receptacle	50	31
TP509	For One 30-60 Amp Receptacle (4-wire) 2 ⁷ / ₁₆ " Dia.	50	23
TP518	For One 30-50 Amp Receptacle 2 ³ / ₆₄ " Dia.	50	34
TP513	For One GFCI Receptacle	50	31
TP511	For Two GFCI Receptacles	50	26
TP515	For One Toggle Switch and One GFCI Receptacle	50	31
TP517	For One Duplex Receptacle and One GFCI Receptacle	50	26



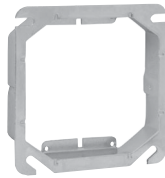
Steel Square Covers

TILE WALL COVERS FOR 4" SQUARE BOXES – CUBIC INCH CAPACITY (SEE BELOW)

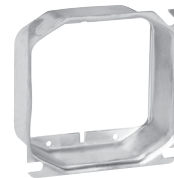
UL LISTED
CSA LISTED



TP524



TP534



TP540

Applications:

- Typically used with tile or brick

Features:

- Rounded corners help guide cuts around devices

Cat. #	Description	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
One Device				
TP520	1/2" Raised	3.7	50	30
TP522	3/4" Raised	5.5	50	36
TP524	1" Raised	7.4	50	40
TP526	1 1/4" Raised	9.3	25	46
TP528	1 1/2" Raised	11.0	25	50
TP530	2" Raised	14.8	25	62
Two Device				
TP532	1/2" Raised	5.0	10	24
TP534	3/4" Raised	7.8	10	30
TP536	1" Raised	10.3	10	36
TP538	1 1/4" Raised	13.0	10	44
TP540	1 1/2" Raised	15.5	10	50
TP542	2" Raised	20.8	10	66

Steel Square Boxes

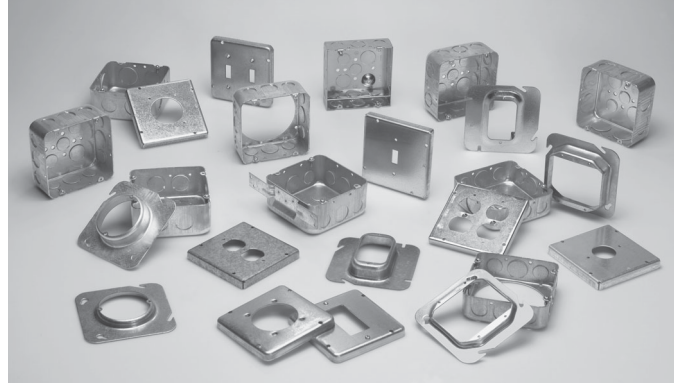
4¹¹/₁₆" SQUARE OUTLET BOXES & COVERS

Applications:

- For use with conduit
- For use in commercial and industrial applications, where larger sized conductor or wiring devices are needed and additional volume is required

Features:

- Ideal for exposed work applications, providing an easy method for the installation of electrical devices (switches, receptacles, fans, lights, etc.)
- Raised ground screw location in the welded boxes saves time in installation
- Concentric knockouts have a 1/2" and 3/4" knockout in the same location for customer flexibility
- Knockouts are suitable for use without a bonding jumper in circuits above or below 250 volts
- Available in two depths for differing cubic capacity requirements
- Welded or drawn construction to match customer preference
- Extensive cover offering to meet various customer applications and needs



Certifications and Compliances:

- CSA Listed

4¹¹/₁₆" SQUARE OUTLET BOXES – 29.5 CUBIC INCH CAPACITY

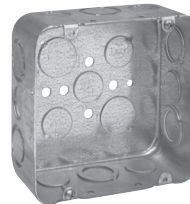
1¹/₂" DEEP WITH CONDUIT KOs

UL LISTED

CSA LISTED



TP548G



TP549G

Cat. #	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
TP548G	Drawn	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	84
TP549G	Drawn	6 - 1/2", 6 - 1/2" + 3/4" C	3 - 1/2", 2 - 3/4"	25	84

Steel Square Boxes & Covers

4¹¹/₁₆" SQUARE OUTLET BOXES – 42.0 & 44.0 CUBIC INCH CAPACITY

2¹/₈" DEEP WITH CONDUIT KOs

UL LISTED

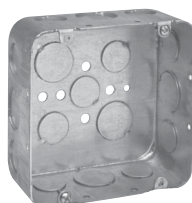
CSA LISTED



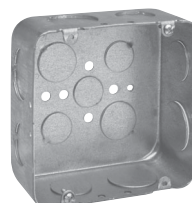
TP563G



TP554G



TP556G



TP558G



TP560G

Cat. #	Description	Bracket	Knockouts		Unit Qty.	Wt. Lbs. Per 100
			Sides	Bottom		
42.0 Cubic Inch Capacity						
TP563G	Drawn	-	6 - 1/2", 6 - 1/2" + 3/4" C	3 - 1/2", 2 - 3/4"	25	104
TP554G	Drawn	-	8 - 3/4"	3 - 1/2", 2 - 3/4"	25	104
TP556G	Drawn	-	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	104
TP558G	Drawn	-	4 - 3/4", 4 - 1"	3 - 1/2", 2 - 3/4"	25	104
TP560G	Drawn	-	8 - 1"	3 - 1/2", 2 - 3/4"	25	104

4¹¹/₁₆" SQUARE EXTENSION RINGS

1¹/₂" DEEP WITH CONDUIT KOs – 29.5 CUBIC INCH CAPACITY

2¹/₈" DEEP WITH CONDUIT KOs – 42.0 CUBIC INCH CAPACITY

UL LISTED

CSA LISTED



TP550



TP564

Cat. #	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
1¹/₂" Deep – 29.5 Cubic Inch Capacity					
TP550		8 - 1/2", 4 - 3/4"	-	25	66
2¹/₈" Deep – 42.0 Cubic Inch Capacity					
TP564		8 - 1/2", 4 - 3/4"	-	25	84

Steel Boxes



Steel Square Covers

4^{11/16}" SQUARE COVERS – CUBIC INCH CAPACITY (SEE BELOW)

UL LISTED
CSA LISTED



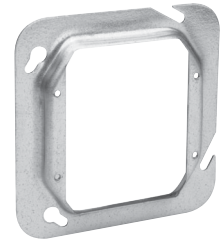
TP568



TP572



TP574 - TP582,
TP529, TP531



TP584, TP586, TP589,
TP593, TP541, TP543

Cat. #	Description	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
Flat and Raised				
TP568	Flat Blank	-	25	40
TP572	Flat, with 1/2" KO	-	25	40
One Device				
TP574	1/4" Raised	1.8	25	32
TP576	1/2" Raised	3.3	25	36
TP578	3/4" Raised	5.0	25	42
TP579	5/8" Raised	4.5	25	39
TP580	1" Raised	6.8	25	46
TP582	1 1/4" Raised	8.5	25	52
TP529	1 1/2" Raised	11.3	25	64
TP531	2" Raised	15.0	25	76
Two Device				
TP590	Flat	-	25	21
TP583	1/4" Raised	3.0	25	26
TP584	1/2" Raised	6.0	25	30
TP587	5/8" Raised	8.0	25	32
TP586	3/4" Raised	8.8	25	34
TP589	1" Raised	11.7	25	38
TP593	1 1/4" Raised	14.0	25	42
TP541	1 1/2" Raised	18.8	25	63
TP543	2" Raised	24.5	25	79



Steel Square Covers

4¹¹/₁₆" SQUARE SURFACE COVERS – 9.0 CUBIC INCH CAPACITY

1/2" RAISED

CSA LISTED



TP720



TP722



TP724, TP730,
TP736



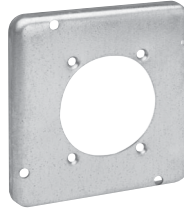
TP726



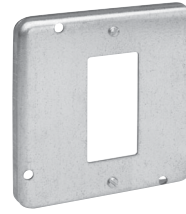
TP728



TP732



TP734



TP738



TP740

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP720	For One Toggle Switch	10	52
TP722	For One Duplex Receptacle	10	49
TP724	For One Single Receptacle 1 ¹³ / ₃₂ " Dia.	10	53
TP730	For One 20 Amp Single Receptacle 1.620" Dia.	10	50
TP736	For One 1.730" Dia. Power Outlet	10	51
TP726	For Two Toggle Switches	10	52
TP728	For Two Duplex Receptacles	10	44
TP732	For One 2.125" Dia. Range/Dryer Receptacle	10	48
TP734	For One 2.480" Dia. Power Outlet	10	45
TP738	For One Ground Fault Interrupter	10	45
TP740	For One GFI Receptacle and One Toggle	25	45
TP741	For Two GFI Receptacles	10	43

Steel
Boxes



Steel Utility Boxes & Covers

UTILITY BOXES – CUBIC INCH CAPACITY (SEE BELOW)

4" LONG x 2 1/8" WIDE

UL LISTED

CSA LISTED



TP588G



TP594G, TP596G



TP604G, TP606G

Cat. #	Bracket	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
1 1/2" Deep – 10.3 Cubic Inch Capacity					
TP588G	-	8 - 1/2"	3 - 1/2"	50	42
1 7/8" Deep – 13.0 Cubic Inch Capacity					
TP594G	-	8 - 1/2"	3 - 1/2"	50	50
TP596G	-	6 - 3/4"	3 - 1/2"	50	50
2 1/8" Deep – 14.5 Cubic Inch Capacity					
TP604G	-	8 - 1/2"	3 - 1/2"	50	56
TP606G	-	6 - 3/4"	3 - 1/2"	50	56

UTILITY BOX COVERS

UL LISTED

CSA LISTED



TP608



TP610



TP612



TP613



TP614



TP616



TP618



Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP608	Blank	100	10
TP610	For 20 and 30 Amp, Twist Lock, 1 19/32" Dia.	100	9
TP612	Single Receptacle, 1 19/32" Dia.	100	9
TP613	For GFCI Device	100	7
TP614	1/2" KO	100	10
TP616	Duplex Receptacle	100	8
TP618	One Toggle Switch	100	10

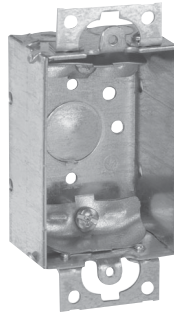
Steel Switch Boxes

1½" DEEP – NON-GANGABLE – 7.5 CUBIC INCH CAPACITY

2" WIDE x 3" LONG

UL LISTED

CSA LISTED



TP100G

Cat. #	Bracket	Ears	Knockouts			Unit Qty.	Wt. Lbs. Per 100
			Each End	Each Side	Bottom		
For Non-metallic Cable – Clamps in Each End							
TP100G	-	Yes	2 - Cable	-	1 - ½"	50	43

2" DEEP – GANGABLE – 10.0 CUBIC INCH CAPACITY

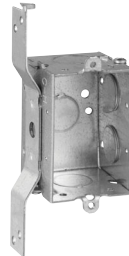
2" WIDE x 3" LONG

UL LISTED

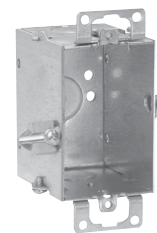
CSA LISTED



TP130G



TP132G



TP131G Hold-Tite

Cat. #	Bracket	Ears	Knockouts			Unit Qty.	Wt. Lbs. Per 100
			Each End	Each Side	Bottom		
For Conduit – No Clamps, Flush Device							
TP130G	-	Yes	1 - ½"	2 - ½"	1 - ½"	50	48
TP132G	"S", Set 5/8"	-	1 - ½"	2 - ½", 1 Side	1 - ½"	50	58
TP131G	Hold-Tite	Yes	1 - ½" - T	-	1 - ½"	50	52

Steel Boxes



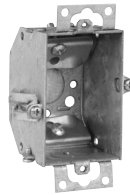
Steel Switch Boxes

2¼" DEEP – GANGABLE – BEVELED CORNERS – 10.5 CUBIC INCH CAPACITY

2" WIDE x 3" LONG

UL LISTED

CSA LISTED



TP137G Hold-Tite



TP138G

Cat. #	Description	Ears	Bumps	Knockouts			Unit Qty.	Wt. Lbs. Per 100
				Each End	Each Side	Bottom		
Clamp Screws Through Beveled Corners								
TP137G	Gangable	Yes	-	2 - Cable	-	1 - ½"	50	57
TP138G	Gangable	Yes	-	2 - Cable	-	1 - ½"	50	55

2½" DEEP – GANGABLE – 12.5 CUBIC INCH CAPACITY

2" WIDE x 3" LONG

UL LISTED

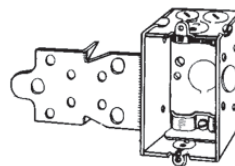
CSA LISTED



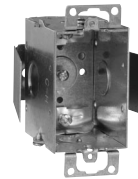
TP162G



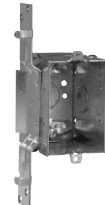
TP163G



TP164G, TP168G



TP161G



TP171G

Cat. #	Bracket	Ears	Ground Pigtail	Leveling Bumps	Knockouts			Unit Qty.	Wt. Lbs. Per 100
					Each End	Each Side	Bottom		
For Non-metallic Cable – Clamps in Each End									
TP161G	Snap-in	Yes	-	-	2 - Cable	1 - ½"	-	50	73
TP162G	-	Yes	-	-	2 - Cable	1 - ½"	1 - ½"	50	62
TP163G	Hold-Tite	Yes	-	-	2 - Cable	-	1 - ½"	50	65
TP164G	"F", Set ½"	-	-	-	2 - Cable, 1 - ½"	1 - ½"	1 - ½"	50	71
TP168G	"F", Set ¼"	-	-	-	2 - Cable, 1 - ½"	1 - ½"	1 - ½"	50	71
TP171G	"VP", Set ½"	-	-	-	2 - Cable, 1 - ½"	1 - ½"	1 - ½"	50	73



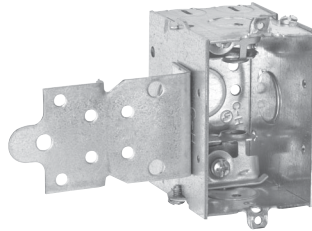
Steel Switch Boxes

2 1/2" DEEP – GANGABLE – 12.5 CUBIC INCH CAPACITY

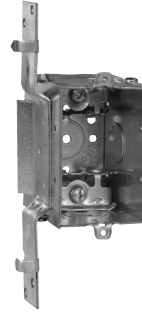
2" WIDE x 3" LONG FOR ARMoured & METAL-CLAD (MCI) CABLE – CLAMPS IN EACH END

UL LISTED

CSA LISTED



TP180G



TP185G

Cat. #	Bracket	Ears	Knockouts			Unit Qty.	Wt. Lbs. Per 100
			Each End	Each Side	Bottom		
TP180G*	"F", Set 1/2"	-	2 - Cable, 1 - 1/2"	1 - 1/2"	1 - 1/2"	50	72
TP185G*	"VP", Set 1/2"	-	2 - Cable, 1 - 1/2"	1 - 1/2"	1 - 1/2"	50	74

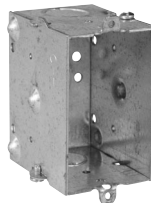
*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™). MCAP™ is a registered trademark of Southwire Company.

2 1/2" DEEP – GANGABLE – 12.5 CUBIC INCH CAPACITY

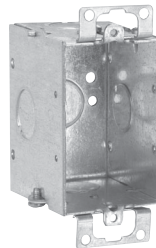
2" WIDE x 3" LONG FOR CONDUIT – NO CLAMPS

UL LISTED

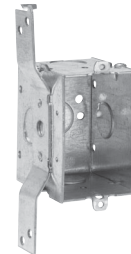
CSA LISTED



TP214G



TP218G



TP222G

Cat. #	Bracket	Ears	Leveling Bumps	Knockouts			Unit Qty.	Wt. Lbs. Per 100
				Each End	Each Side	Bottom		
TP214G	-	-	Yes	1 - 1/2"	-	1 - 1/2"	50	55
TP218G	-	Yes	-	1 - 1/2"	1 - 1/2"	1 - 1/2"	50	58
TP222G	"S", Set 5/8"	-	-	1 - 1/2"	1 - 1/2", 1 Side	1 - 1/2"	50	65

Steel Boxes



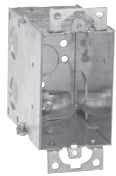
Steel Switch Boxes

3 1/2" DEEP – GANGABLE – 18.0 CUBIC INCH CAPACITY

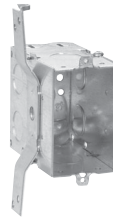
2" WIDE x 3" LONG
FOR NON-METALLIC CABLE – CLAMPS IN EACH END

UL LISTED

CSA LISTED



TP238G



TP242G

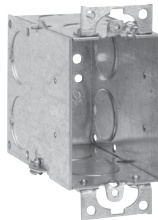
Cat. #	Bracket	Ground Pigtail	Ears	Knockouts			Unit Qty.	Wt. Lbs. Per 100
				Each End	Each Side	Bottom		
TP238G	-	-	Yes	2 - Cable, 1 - 1/2"	2 - 1/2"	1 - 1/2"	25	80
TP242G	"S", Set 7/8"	-	-	2 - Cable, 1 - 1/2"	2 - 1/2"	1 - 1/2"	25	87

3 1/2" DEEP – GANGABLE – 18.0 CUBIC INCH CAPACITY

2" WIDE x 3" LONG
FOR CONDUIT – NO CLAMPS

UL LISTED

CSA LISTED

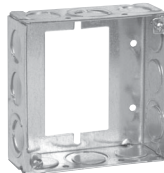


TP254G

Cat. #	Bracket	Ears	Knockouts			Unit Qty.	Wt. Lbs. Per 100
			Each End	Each Side	Bottom		
TP254G	-	Yes	2 - 3/4"	2 - 3/4"	1 - 1/2"	25	76



1 1/2" DEEP SWITCH & MASONRY BOX EXTENSION RING



TP422†



Cat. #	Knockouts		Unit Qty.	Wt. Lbs. Per 100
	Sides	Bottom		
1 1/2" Deep Switch & Masonry Box Extension Ring				
TP422†	8 - 1/2", 4 - 1/2" + 3/4" E	-	50	50

†For use as extension with switch box, not four square box. See page 219 for 4" steel square covers.

Steel Octagon Boxes & Ceiling Pans

4" ROUND CEILING PANS* – 6.0 CUBIC INCH CAPACITY

1/2" DEEP
 FIXTURE RATED
 UL LISTED
 CSA LISTED



TP269G

Cat. #	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
TP269G	KOs Only	-	5 - 1/2"	50	35

*Weight limit for 3/4" and 4" Octagon Outlet Boxes and Ceiling Pans is 50 lbs. for fixture. Not suitable for fans.

4" OCTAGON OUTLET BOXES† – 15.5 CUBIC INCH CAPACITY

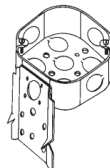
1 1/2" DEEP
 FOR CONDUIT – NO CLAMPS
 FIXTURE RATED
 UL LISTED
 CSA LISTED



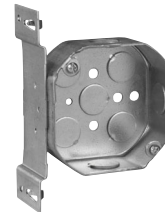
TP274G, TP278G



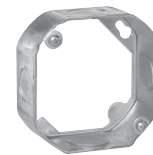
TP276G



TP280G



TP282G



TP284, TP286

Cat. #	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
TP274G	-	4 - 1/2"	5 - 1/2"	50	50
TP276G	-	4 - 3/4"	3 - 1/2", 2 - 3/4"	50	50
TP278G	-	2 - 1/2", 2 - 3/4"	3 - 1/2", 2 - 3/4"	50	50
TP280G	"C" Bracket	4 - 1/2"	5 - 1/2"	50	60
TP282G	"S" Bracket, Set 1/2"	3 - 1/2"	5 - 1/2"	50	58

Octagon Extension Rings – (Slot & Key Permit Mounting without Removing Box Screws)

TP284	-	4 - 1/2"	-	50	36
TP286	-	2 - 1/2", 2 - 3/4"	-	50	36

†Weight limit for 3/4" and 4" Octagon Outlet Boxes and Ceiling Pans is 50 lbs. for fixture/luminaire. Not suitable for fans.

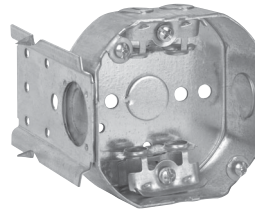
Steel Octagon Boxes & Ceiling Pans

4" OCTAGON OUTLET BOXES† – 15.5 CUBIC INCH CAPACITY

1½" DEEP
 FOR ARMoured & METAL-CLAD (MCI) CABLE – CLAMPS IN EACH END
 FIXTURE RATED
 UL LISTED
 CSA LISTED



TP310G



TP312G

Cat. #	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
TP310G*	-	4 - Cable, 2 - ½"	1 - ½"	50	57
TP312G*	"C" Bracket	4 - Cable, 2 - ½"	1 - ½"	50	66

*UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP®).
 MCAP® is a registered trademark of Southwire Company.

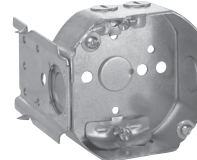
†Weight limit for 3¼" and 4" Octagon Outlet Boxes and Ceiling Pans is 50 lbs. for fixture/luminaire. Not suitable for fans.

4" OCTAGON OUTLET BOXES† – 15.5 CUBIC INCH CAPACITY

1½" DEEP
 FOR NON-METALLIC CABLE – WITH CLAMPS
 FIXTURE RATED
 UL LISTED
 CSA LISTED



TP300G



TP302G

Cat. #	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
TP300G	With Side Nail Holes	4 - Cable, 2 - ½"	1 - ½"	50	55
TP302G	"C" Bracket	4 - Cable, 2 - ½"	1 - ½"	50	65

†Weight limit for 3¼" and 4" Octagon Outlet Boxes and Ceiling Pans is 50 lbs. for fixture/luminaire. Not suitable for fans.



Steel Octagon Boxes & Ceiling Pans

4" OCTAGON OUTLET BOXES† – 21.5 CUBIC INCH CAPACITY

2 1/8" DEEP
FOR CONDUIT – NO CLAMPS
FIXTURE RATED
UL LISTED
CSA LISTED



TP288G, TP290G, TP294G



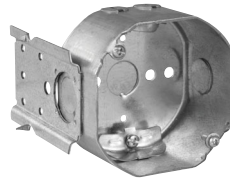
TP292G

Cat. #	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
TP288G	-	4 - 1/2"	3 - 1/2", 2 - 3/4"	25	64
TP290G	-	4 - 3/4"	3 - 1/2", 2 - 3/4"	25	64
TP292G	-	2 - 1/2", 2 - 3/4"	3 - 1/2", 2 - 3/4"	25	64
TP294G	-	4 - 1"	3 - 1/2", 2 - 3/4"	25	64

†Weight limit for 3/4" and 4" Octagon Outlet Boxes and Ceiling Pans is 50 lbs. for fixture/luminaire. Not suitable for fans.

4" OCTAGON OUTLET BOXES† – 21.5 CUBIC INCH CAPACITY

2 1/8" DEEP – WITH CABLE CLAMPS
FIXTURE RATED
UL LISTED
CSA LISTED



TP318G

Cat. #	Description	Knockouts		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
For Non-metallic Cable					
TP318G	"C" Bracket	4 - Cable, 2 - 1/2"	1 - 1/2"	25	88

†Weight limit for 3/4" and 4" Octagon Outlet Boxes and Ceiling Pans is 50 lbs. for fixture/luminaire. Not suitable for fans.

Steel Boxes



PVC Switch Boxes

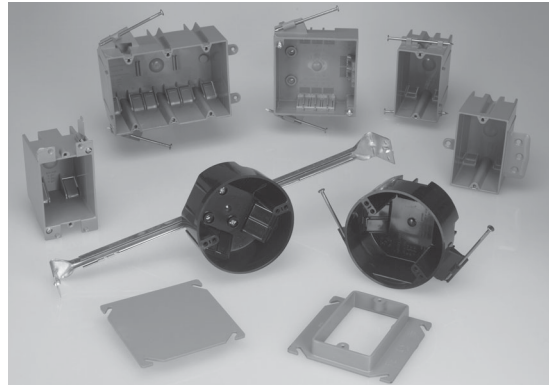
Applications:

Non-metallic Switch and Outlet Boxes are used:

- In branch circuit wiring as a splice point
- To mount wiring devices such as switches and receptacles
- To provide mechanical protection for wiring systems and electrical devices

Features:

- Available for use with wood or metal studs to meet any construction preference
- Quick entry feature on all non-metallic boxes offers labor savings – no need to break out knockouts – simply push the non-metallic cable into the box; no tools are required; no need to remove knockouts
- Unique configuration of this quick entry feature on single gang boxes provides a self-feeding feature that eliminates the need to reach inside the box to pull the wire out
- Integral labor saving clamping feature on two, three and four gang boxes; the multiple gang box unique entry also serves as a clamp, eliminating the need to mechanically secure the cable inside the box
- There are no separate clamps or screws to install or tighten; each entry into the multiple gang boxes has the quick entry feature, allowing the installer to simply push the cable into the box without the need for tools or removal of knockouts, so the cable can be inserted where it is required



Certifications and Compliances:

- UL File No. E-102328
- Classified for use in fire rated (2 HR) wall or ceiling; Fire Rating No. R9933

Standard Materials:

- PVC (Polyvinyl Chloride Compound)

SWITCH BOXES – ANGLED NAILS

UL LISTED



TP1800



TP2000



TP2300

Cat. #	Bracket or Nails	Capacity Cu. In.	H	W	D	Unit Qty.	Wt. Lbs. Per 100
TP1800	Nails	18.0	3 ³ / ₄ "	2 ¹ / ₄ "	2 ³ / ₄ "	100	23
TP2000	Nails	20.3	3 ³ / ₄ "	2 ¹ / ₄ "	3 ⁷ / ₁₆ "	100	25
TP2300	Nails	23.0	3 ³ / ₄ "	2 ¹ / ₄ "	3 ⁷ / ₁₆ "	100	27

SWITCH BOXES – INTEGRAL CLAMPS

UL LISTED



TP1690
(Old Work)



TP2030
(For Wood or Metal Studs)

Cat. #	Bracket or Nails	Capacity Cu. In.	H	W	D	Unit Qty.	Wt. Lbs. Per 100
TP1690	Swing Clips and Integral Clamps	16.0	3 ⁷ / ₈ "	2 ⁷ / ₁₆ "	2 ³ / ₄ "	50	20
TP2030	Face Bracket (1/2" Offset)	20.3	3 ¹¹ / ₁₆ "	2 ¹ / ₄ "	3 ⁷ / ₁₆ "	100	24

PVC Switch Boxes

3" DEEP SWITCH BOXES – TWO GANG

UL LISTED



TP3490
(Old Work)



TP3600



TP3635

Cat. #	Bracket or Nails	Capacity Cu. In.	H	W	D	Unit Qty.	Wt. Lbs. Per 100
TP3490	Swing Clips	25.0	3 ⁹ / ₁₆ "	4"	3 ³ / ₁₆ "	50	29
TP3600	Nails	32.0	3 ³ / ₄ "	4"	3"	25	37
TP3635*	Brackets and Nails	48.0	3 ³ / ₄ "	4"	3"	50	42

*Face bracket on PVC Boxes are offset 1/2" unless stated otherwise.

2¹/₁₆" DEEP SWITCH BOXES – THREE GANG

UL LISTED



TP4600



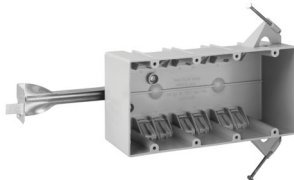
TP4635

Cat. #	Bracket or Nails	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
TP4600	Nails	44.0	50	45
TP4635*	Brackets and Nails	74.0	25	50

*Face bracket on PVC Boxes are offset 1/2" unless stated otherwise.

2¹/₁₆" DEEP SWITCH BOXES – FOUR GANG

UL LISTED



TP6180

Cat. #	Bracket or Nails	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
TP6180†	Nails and Bar Support	55.0	25	85

†Not two hour fire rated.

PVC Boxes

PVC Switch Boxes

LOW VOLTAGE PARTITION – TWO, THREE OR FOUR GANG PVC



TP1000, TP1001

Cat. #	Use with the Following Boxes	Unit Qty.	Wt. Lbs. Per 100
TP1000	TP3600, TP4600	20	3
TP1001	TP3490, TP3635, TP4635, TP6180	50	4

PVC Switch Boxes & Covers

4" SQUARE WITH INTEGRAL CLAMPS – 18.0 CUBIC INCH CAPACITY

1⁵/₈" DEEP

UL LISTED



TP1900

Cat. #	Bracket	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
TP1900	Yes	18.0	75	26

4" SQUARE PVC DEVICE COVERS

UL LISTED



TP1013



TP1023

Cat. #	Raised	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
TP1013	1/2"	3.8	100	8
TP1023	1/2"	5.8	100	8

Ceiling Boxes

3 1/2" NON-METALLIC CEILING BOXES – PVC

2 7/8" DEEP

UL LISTED

Weight limit: 50 lbs. for fixture except where indicated.



TP16200,
(TP16201 – 2 1/8" Deep)
Old Work



TP16201



TP16311

Cat. #	Clamps	Ground Plate	Bracket/ Bar Hanger	Capacity Cu. In.	No. of Clamp Openings	Unit Qty.	Wt. Lbs. Per 100
TP16200†	Yes	-	Snap	16.0	4	50	27
TP16201†	Yes	Yes	Snap	16.0	4	50	29
TP16311*	Yes	Yes	Nails	20.0	4	75	20

*Nail bracket is set 1 7/16" back from the face of the box.

†Weight limit is 6 lbs. for wall mounted fixtures only.

Ceiling Boxes

4" NON-METALLIC CEILING BOXES – PVC

2¹/₄" DEEP

UL LISTED

Weight limit: 50 lbs. for fixture except where indicated.



TP16111, TP16110



TP16122, TP16123

Cat. #	Clamps	Ground Plate	Bracket/ Bar Hanger	Capacity Cu. In.	No. of Cable Pry-outs	Unit Qty.	Wt. Lbs. Per 100
TP16111	Yes	-	Nails	20.3	4	75	19
TP16110	Yes	Yes	Nails	20.0	4	75	21
TP16122	Yes	-	14" - 16"	20.8	4	20	59
TP16123	Yes	Yes	14" - 16"	20.8	4	20	61

NON-METALLIC CEILING FAN BOXES

2³/₁₆" DEEP

UL LISTED

With clamps for non-metallic cable.

All mounting hardware supplied; suitable for support of fans weighing up to 35 lbs.

Features:

- Made of heavy duty, engineered thermoplastic material
- Offers the labor saving feature of quick entry and integral clamping
- Eliminates the need to use a screwdriver to break open pry-outs
- The easy access entry point serves as a wire clamp, eliminating time required to mechanically secure the wire to the box



TP16511

Cat. #	Diameter	Mounting Method	Capacity Cu. In.	No. of Clamp Openings	Unit Qty.	Wt. Lbs. Per 100
TP16511	4"	Nails Only	22.5	6	25	21

Ceiling Boxes

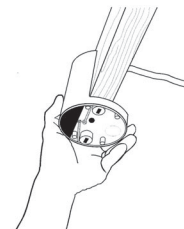
CEILING FAN BOXES – PVC

UL LISTED

Weight limits: fans and fixtures are supported independent of outlet box. Mounting screws go through box and into joist. Box will support up to 70 lbs. for fans and 90 lbs. for fixtures. Provided with Romex connector.

Applications:

- For use with wood studs only



TP1300

Cat. #	Description	Capacity Cu. In.	Knockouts	Integral Clamp	Unit Qty.	Wt. Lbs. Per 100
TP1300	4 ¹ / ₁₆ " Dia., 1/2" Deep Pan Section, 4" Deep Overall – with Mtg. Hardware and External Clamp, Protective Cover	14.0	3 - 1/2"	1	24	34

ROUND BLANK COVER – PVC

4³/₄" DIA. (FOR 3¹/₂" & 4" ROUND CEILING BOXES)



TP1040

Cat. #	Color	Screws	Unit Qty.	Wt. Lbs. Per 100
TP1040	Gray	-	100	10

Basic Assemblies

BOXES WITH PRE-INSTALLED GROUND SCREW & PIGTAIL

Boxes with pre-installed ground screw and pigtail provide a simple, readily available way to meet grounding and bonding requirements for metal boxes. Includes the 4" or 4^{11/16}" square box with ground screw and lead installed*.

Certifications and Compliances:

- UL Listed and cUL Listed
- UL File No. E-23156



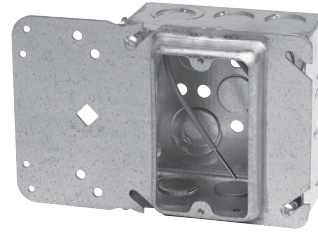
Cat. #	Description Pre-fabricated Box, Cover, Ground Screw & Lead Assembly	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
For Conduit				
TP403PF	4D 1/2" and 3/4" KO Welded Box with Ground Screw and Lead	30.3	25	84
TP404PF	4" Square 1/2" and 3/4" KO Welded Box with Ground Screw and Lead	21.0	25	72
TP431PF	4" Square MCI Box with Ground Screw and Lead	-	25	91
TP454PF	4" Square MCI Box with Ground Screw and Lead	22.0	25	92
TP288PF	4D Octagon Box 1/2" KO with Ground Screw and Lead	21.5	25	64
TP290PF	4D Octagon Box 3/4" KO with Ground Screw and Lead	21.5	25	64
TP292PF	4D Octagon Box 1/2" and 3/4" KO with Ground Screw and Lead	21.5	25	64
TP338PF	4 Octagon MCI Cable Outlet Box S Set 1/2" Bracket with Ground Screw and Lead	21.5	25	82
TP367PF	4D Octagon Box for AC/MC S Bracket with Ground Screw and Lead	15.5	25	100
TP438PF	4D Drawn Box 1/2" and 3/4" Concentric KO with Ground Screw and Lead	30.3	25	84
TP451PF	4D Welded Box with VMS Bracket with Ground Screw and Lead	30.3	25	96
TP456PF	4" Square MCI Box with F Bracket with Ground Screw and Lead	22.0	25	92
TP521PF	4 ^{11/16} " 2 ^{1/8} " Deep Welded Box with Ground Screw and Lead	44.0	25	115
TP523PF	4 ^{11/16} " 1 ^{1/2} " Deep Welded Box with Ground Screw and Lead	29.5	25	99
TP556PF	4 ^{11/16} " 2 ^{1/8} " Deep Drawn Box with Ground Screw and Lead	42.0	25	104

*Standard ground pigtail is #8 - 32 ground screw with 8" insulated No. 12 copper wire.

Basic Assemblies

UNI-MOUNT™ ASSEMBLIES

Uni-Mount Assemblies combine the patented Uni-Mount cover (mounting method and mud ring, all in one) to a 4" square box with ground screw and lead installed to simplify ordering, receiving and improve job site speed.



Certifications and Compliances:

- UL Listed and cUL Listed
- UL File No. E-23156

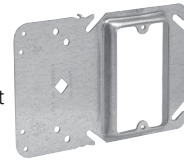


Pre-fabricated Box Features:

- Uni-Mount provides a secure box support and features a built-in plaster ring
- Can be field assembled with outlet box for power applications or used without a box for low voltage applications
- Pre-fabricated Uni-Mount is available with most popular outlet boxes with a choice of 1/2", 5/8" or 3/4" raised cover and includes ground screw and lead
- Rigid bracket design eliminates the need for far side support
- Guide tabs ensure alignment on studs

Uni-Mount Features:

- Uni-Mount combines the features of a mounting device plate with those of a box support, giving you one universal plate for all of your needs; specifically designed for use with metal or wood studs
- New and improved Uni-Mount incorporates four small holes on the left side (support side) of the bracket; these holes allow for the attachment of box mounting brackets to allow for use of both sides of the stud
- The holes are strategically located to accept the B-Line BB423 bracket; additionally, the viewing hole has been significantly enlarged (and is now diamond shaped) to make it even easier to find mark lines on the stud



TP404
1 1/2" Deep – Welded
22.0" Cubic Capacity



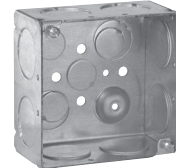
TP403
2 1/8" Deep – Welded
30.3" Cubic Capacity



TP414
1 1/2" Deep – Drawn
21.0" Cubic Capacity



TP434
2 1/8" Deep – Welded
30.3" Cubic Capacity



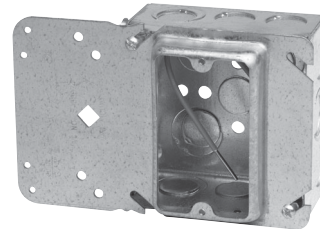
TP436
2 1/8" Deep – Welded
30.3" Cubic Capacity

Cat. #	Description	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
For Conduit				
TP30404PF	1 1/2" Deep Welded Box, 1/2" Raised Single Gang Uni-Mount Cover, Ground Screw and Lead	25.8	25	115
TP30414PF	1 1/2" Deep Drawn Box, 1/2" Raised Single Gang Uni-Mount Cover, Ground Screw and Lead	24.8	25	110
TP31404PF	1 1/2" Deep Welded Box, 5/8" Raised Single Gang Uni-Mount Cover, Ground Screw and Lead	26.3	25	118
TP31414PF	1 1/2" Deep Drawn Box, 5/8" Raised Single Gang Uni-Mount Cover, Ground Screw and Lead	25.3	25	113
TP32404PF	1 1/2" Deep Welded Box, 3/4" Raised Single Gang Uni-Mount Cover, Ground Screw and Lead	27.5	25	122
TP32414PF	1 1/2" Deep Drawn Box, 3/4" Raised Single Gang Uni-Mount Cover, Ground Screw and Lead	26.5	25	117
TP35404PF	1 1/2" Deep Welded Box, 1/2" Raised Two Gang Uni-Mount Cover, Ground Screw and Lead	28.0	25	110
TP35414PF	1 1/2" Deep Drawn Box, 1/2" Raised Two Gang Uni-Mount Cover, Ground Screw and Lead	27.0	25	105
TP36404PF	1 1/2" Deep Welded Box, 5/8" Raised Two Gang Uni-Mount Cover, Ground Screw and Lead	30.0	25	124
TP36414PF	1 1/2" Deep Drawn Box, 5/8" Raised Two Gang Uni-Mount Cover, Ground Screw and Lead	29.0	25	119
TP37404PF	1 1/2" Deep Welded Box, 3/4" Raised Two Gang Uni-Mount Cover, Ground Screw and Lead	31.0	25	126
TP37414PF	1 1/2" Deep Drawn Box, 3/4" Raised Two Gang Uni-Mount Cover, Ground Screw and Lead	30.0	25	121
TP30403PF	2 1/8" Deep Welded Box, 1/2" Raised Single Gang Uni-Mount Cover, Ground Screw and Lead	34.1	25	107
TP30434PF	2 1/8" Deep Drawn Box, 1/2" Raised Single Gang Uni-Mount Cover, Ground Screw and Lead	34.1	25	127
TP31403PF	2 1/8" Deep Welded Box, 5/8" Raised Single Gang Uni-Mount Cover, Ground Screw and Lead	34.6	25	110
TP31434PF	2 1/8" Deep Drawn Box, 5/8" Raised Single Gang Uni-Mount Cover, Ground Screw and Lead	34.6	25	130
TP31436PF	2 1/8" Deep Welded Box, 3/4" Raised Single Gang Uni-Mount Cover, Ground Screw and Lead	26.3	25	130
TP32403PF	2 1/8" Deep Welded Box, 3/4" Raised Single Gang Uni-Mount Cover, Ground Screw and Lead	35.8	25	114
TP32434PF	2 1/8" Deep Drawn Box, 3/4" Raised Single Gang Uni-Mount Cover, Ground Screw and Lead	35.8	25	134
TP35403PF	2 1/8" Deep Welded Box, 1/2" Raised Two Gang Uni-Mount Cover, Ground Screw and Lead	36.3	25	102
TP35434PF	2 1/8" Deep Drawn Box, 1/2" Raised Two Gang Uni-Mount Cover, Ground Screw and Lead	36.3	25	122
TP36403PF	2 1/8" Deep Welded Box, 5/8" Raised Two Gang Uni-Mount Cover, Ground Screw and Lead	38.3	25	116
TP36434PF	2 1/8" Deep Drawn Box, 5/8" Raised Two Gang Uni-Mount Cover, Ground Screw and Lead	38.3	25	136
TP37403PF	2 1/8" Deep Welded Box, 3/4" Raised Two Gang Uni-Mount Cover, Ground Screw and Lead	39.3	25	118
TP37434PF	2 1/8" Deep Drawn Box, 3/4" Raised Two Gang Uni-Mount Cover, Ground Screw and Lead	39.3	25	138

Basic Assemblies

UNI-MOUNT™ ASSEMBLIES (CONTINUED)

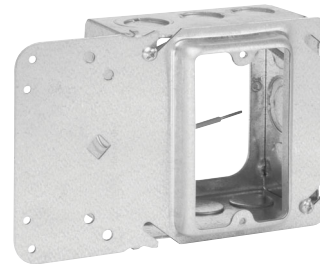
Uni-Mount Assemblies combine the patented Uni-Mount cover (mounting method and mud ring, all in one) to a 4" square box with ground screw and lead installed to simplify ordering, receiving and improve job site speed.



Cat. #	Description Pre-fabricated Box, Cover, Ground Screw & Lead Assembly	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
For AC/MC Cable				
TP30454PF	1½" Deep Welded Box Assembled to ½" Raised Single Gang Uni-Mount Cover	24.8	25	114
TP31454PF	1½" Deep Welded Box Assembled to ⅝" Raised Single Gang Uni-Mount Cover	25.3	25	117
TP32454PF	1½" Deep Welded Box Assembled to ¾" Raised Single Gang Uni-Mount Cover	26.5	25	121
TP35454PF	1½" Deep Welded Box Assembled to ½" Raised Two Gang Uni-Mount Cover	27.0	25	109
TP36454PF	1½" Deep Welded Box Assembled to ⅝" Raised Two Gang Uni-Mount Cover	29.0	25	123
TP37454PF	1½" Deep Welded Box Assembled to ¾" Raised Two Gang Uni-Mount Cover	30.0	25	125
TP30431PF	2⅞" Deep Welded Box Assembled to ½" Raised Single Gang Uni-Mount Cover	34.1	25	134
TP31431PF	2⅞" Deep Welded Box Assembled to ⅝" Raised Single Gang Uni-Mount Cover	34.6	25	137
TP32431PF	2⅞" Deep Welded Box Assembled to ¾" Raised Single Gang Uni-Mount Cover	35.8	25	141
TP35431PF	2⅞" Deep Welded Box Assembled to ½" Raised Two Gang Uni-Mount Cover	36.3	25	129
TP36431PF	2⅞" Deep Welded Box Assembled to ⅝" Raised Two Gang Uni-Mount Cover	38.3	25	143
TP37431PF	2⅞" Deep Welded Box Assembled to ¾" Raised Two Gang Uni-Mount Cover	39.3	25	145

UNI-MOUNT™ ASSEMBLIES WITH OPEN BACK BOX

Patented Open Back Boxes maximize working area to reduce wiring time and eliminate interference problems. Eliminates the need for disassembly at the job site. All Open Back Box Assemblies are shipped with TP472 flat, blank back covers.



Cat. #	Description Pre-fabricated Open Back Box, Cover, Ground Screw & Lead Assembly	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
For Conduit				
TP3040DPF	2⅞" Deep Welded Open Back Box, ½" Raised Single Gang Uni-Mount Cover, Ground Screw, Lead and Back Cover	24.8	25	114
TP3140DPF	2⅞" Deep Welded Open Back Box, ⅝" Raised Single Gang Uni-Mount Cover, Ground Screw, Lead and Back Cover	25.3	25	117
TP3240DPF	2⅞" Deep Welded Open Back Box, ¾" Raised Single Gang Uni-Mount Cover, Ground Screw, Lead and Back Cover	26.5	25	121
TP3540DPF	2⅞" Deep Welded Open Back Box, ½" Raised Two Gang Uni-Mount Cover, Ground Screw, Lead and Back Cover	27.0	25	109
TP3640DPF	2⅞" Deep Welded Open Back Box, ⅝" Raised Two Gang Uni-Mount Cover, Ground Screw, Lead and Back Cover	29.0	25	123
TP3740DPF	2⅞" Deep Welded Open Back Box, ¾" Raised Two Gang Uni-Mount Cover, Ground Screw, Lead and Back Cover	30.0	25	125

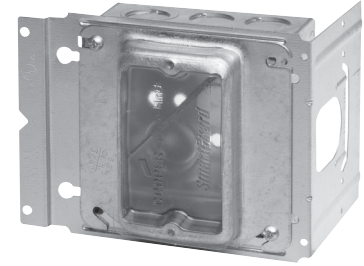
Additional Uni-Mount/box configurations available. Consult factory for details. Remove the 'PF' in catalog number for boxes without ground screw and lead. For stranded wire, replace 'PF' with 'PFA'.

PRE-formance™

Single Sided, Double Sided, Floor Mount, Telescoping Slider, Multi-mount, Open Bracket & T-bar Assemblies

SINGLE SIDED ASSEMBLIES

Single Sided Direct Mount Assemblies – all catalog numbers contain a single sided direct mount bracket (for 2½” and 3½” studs), 4” square steel box, mud ring and 8” insulated solid ground wire with ground screw.



UL and cUL Listed

UL File No. E-324733



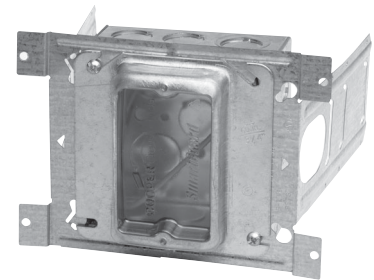
Cat. #	Description Pre-fabricated Box, Cover, Ground Screw & Lead Assembly
PFH3 40D58	BB423 Single Sided Bracket, Open Back 2½” Deep Box with Pigtail, ⅝” Raised 1G Mud Ring
PFH3 40D75	BB423 Single Sided Bracket, Open Back 2½” Deep Box with Pigtail, ¾” Raised 1G Mud Ring
PFH3 40DAR*	BB423 Single Sided Bracket, Open Back 2½” Deep Box with Pigtail, Adjustable 1G Mud Ring
PFH3 4D58	BB423 Single Sided Bracket, TP403 2½” Deep Box with Pigtail, ⅝” Raised 1G Mud Ring
PFH3 4D75	BB423 Single Sided Bracket, TP403 2½” Deep Box with Pigtail, ¾” Raised 1G Mud Ring
PFH3 4DAR*	BB423 Single Sided Bracket, TP403 2½” Deep Box with Pigtail, Adjustable 1G Mud Ring
PFH3 4S58	BB423 Single Sided Bracket, TP404 1½” Deep Box with Pigtail, ⅝” Raised 1G Mud Ring
PFH3 4S75	BB423 Single Sided Bracket, TP404 1½” Deep Box with Pigtail, ¾” Raised 1G Mud Ring
PFH3 40D258	BB423 Single Sided Bracket, Open Back 2½” Deep Box with Pigtail, ⅝” Raised 2G Mud Ring
PFH3 40D275	BB423 Single Sided Bracket, Open Back 2½” Deep Box with Pigtail, ¾” Raised 2G Mud Ring
PFH3 4D258	BB423 Single Sided Bracket, TP403 2½” Deep Box with Pigtail, ⅝” Raised 2G Mud Ring
PFH3 4D275	BB423 Single Sided Bracket, TP403 2½” Deep Box with Pigtail, ¾” Raised 2G Mud Ring
PFH3 4S258	BB423 Single Sided Bracket, TP404 1½” Deep Box with Pigtail, ⅝” Raised 2G Mud Ring
PFH3 4S275	BB423 Single Sided Bracket, TP404 1½” Deep Box with Pigtail, ¾” Raised 2G Mud Ring

4” and 6” far side supports are available. Replace ‘PFH3’ (for 2½” and 3½” studs) with ‘PFH4’ (4”) (BB44) or ‘PFH6’ (6”) (BB46). Refer to the PRE-formance catalog numbering system at the end of this section for additional assembly options and configurations.

*Not UL Listed. All components are third party certified.

DOUBLE SIDED ASSEMBLIES

Double Sided Direct Mount Assemblies – all catalog numbers contain a double sided direct mount bracket (for 2½” and 3½” studs), 4” square steel box, mud ring and 8” insulated solid ground wire with ground screw.



UL and cUL Listed

UL File No. E-324733



Cat. #	Description Pre-fabricated Box, Cover, Ground Screw & Lead Assembly
PF3DS 40D58	BB73 Double Sided Bracket, Open Back 2½” Deep Box with Pigtail, ⅝” Raised 1G Mud Ring
PF3DS 40D75	BB73 Double Sided Bracket, Open Back 2½” Deep Box with Pigtail, ¾” Raised 1G Mud Ring
PF3DS 40DAR*	BB73 Double Sided Bracket, Open Back 2½” Deep Box with Pigtail, Adjustable 1G Mud Ring
PF3DS 4D58	BB73 Double Sided Bracket, TP403 2½” Deep Box with Pigtail, ⅝” Raised 1G Mud Ring
PF3DS 4D75	BB73 Double Sided Bracket, TP403 2½” Deep Box with Pigtail, ¾” Raised 1G Mud Ring
PF3DS 4DAR*	BB73 Double Sided Bracket, TP403 2½” Deep Box with Pigtail, Adjustable 1G Mud Ring
PF3DS 4S58	BB73 Double Sided Bracket, TP404 1½” Deep Box with Pigtail, ⅝” Raised 1G Mud Ring
PF3DS 4S75	BB73 Double Sided Bracket, TP404 1½” Deep Box with Pigtail, ¾” Raised 1G Mud Ring
PF3DS 40D258	BB73 Double Sided Bracket, Open Back 2½” Deep Box with Pigtail, ⅝” Raised 2G Mud Ring
PF3DS 40D275	BB73 Double Sided Bracket, Open Back 2½” Deep Box with Pigtail, ¾” Raised 2G Mud Ring
PF3DS 4D258	BB73 Double Sided Bracket, TP403 2½” Deep Box with Pigtail, ⅝” Raised 2G Mud Ring
PF3DS 4D275	BB73 Double Sided Bracket, TP403 2½” Deep Box with Pigtail, ¾” Raised 2G Mud Ring
PF3DS 4S258	BB73 Double Sided Bracket, TP404 1½” Deep Box with Pigtail, ⅝” Raised 2G Mud Ring
PF3DS 4S275	BB73 Double Sided Bracket, TP404 1½” Deep Box with Pigtail, ¾” Raised 2G Mud Ring

4” and 6” far side supports are available. Replace ‘PF3DS’ (for 2½” and 3½” studs) with ‘PF4DS’ (4”) (BB74) or ‘PF6DS’ (6”) (BB76).

Refer to the PRE-formance catalog numbering system at the end of this section for additional assembly options and configurations.

*Not UL Listed. All components are third party certified.

FLOOR MOUNT ASSEMBLIES

Floor Mount Assemblies – all catalog numbers contain an 18” floor mount bracket, 4” square steel box, mud ring and 8” insulated solid ground wire with ground screw.



UL and cUL Listed

UL File No. E-324733



Cat. #	Description Pre-fabricated Box, Cover, Ground Screw & Lead Assembly
PF18FM 40D58	BBF18 Floor Mount Bracket, Open Back 2½” Deep Box with Pigtail, ⅝” Raised 1G Mud Ring
PF18FM 40D75	BBF18 Floor Mount Bracket, Open Back 2½” Deep Box with Pigtail, ¾” Raised 1G Mud Ring
PF18FM 40DAR*	BBF18 Floor Mount Bracket, Open Back 2½” Deep Box with Pigtail, Adjustable 1G Mud Ring
PF18FM 4D58	BBF18 Floor Mount Bracket, TP403 2½” Deep Box with Pigtail, ⅝” Raised 1G Mud Ring
PF18FM 4D75	BBF18 Floor Mount Bracket, TP403 2½” Deep Box with Pigtail, ¾” Raised 1G Mud Ring
PF18FM 4DAR*	BBF18 Floor Mount Bracket, TP403 2½” Deep Box with Pigtail, Adjustable 1G Mud Ring
PF18FM 4S58	BBF18 Floor Mount Bracket, TP404 1½” Deep Box with Pigtail, ⅝” Raised 1G Mud Ring
PF18FM 4S75	BBF18 Floor Mount Bracket, TP404 1½” Deep Box with Pigtail, ¾” Raised 1G Mud Ring
PF18FM 40D258	BBF18 Floor Mount Bracket, Open Back 2½” Deep Box with Pigtail, ⅝” Raised 2G Mud Ring
PF18FM 40D275	BBF18 Floor Mount Bracket, Open Back 2½” Deep Box with Pigtail, ¾” Raised 2G Mud Ring
PF18FM 4D258	BBF18 Floor Mount Bracket, TP403 2½” Deep Box with Pigtail, ⅝” Raised 2G Mud Ring
PF18FM 4D275	BBF18 Floor Mount Bracket, TP403 2½” Deep Box with Pigtail, ¾” Raised 2G Mud Ring
PF18FM 4S258	BBF18 Floor Mount Bracket, TP404 1½” Deep Box with Pigtail, ⅝” Raised 2G Mud Ring
PF18FM 4S275	BBF18 Floor Mount Bracket, TP404 1½” Deep Box with Pigtail, ¾” Raised 2G Mud Ring

Refer to the PRE-formance catalog numbering system at the end of this section for additional assembly options and configurations.

*Not UL Listed. All components are third party certified.

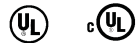
Single Sided, Double Sided, Floor Mount, Telescoping Slider, Multi-mount, Open Bracket & T-bar Assemblies

TELESCOPING SLIDER ASSEMBLIES

Telescoping Slider Assemblies – all catalog numbers contain an 11-18" telescoping slider bracket, 4" square steel box, mud ring and 8" insulated solid ground wire with ground screw.



UL and cUL Listed
UL File No. E-324733

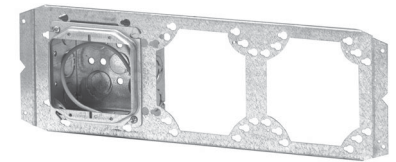


Cat. #	Description Pre-fabricated Box, Cover, Ground Screw & Lead Assembly
PF16TS 4D58	BB216TS Telescoping Slider Bracket, TP403 2 1/8" Deep Box with Pigtail, 5/8" Raised 1G Mud Ring
PF16TS 4D75	BB216TS Telescoping Slider Bracket, TP403 2 1/8" Deep Box with Pigtail, 3/4" Raised 1G Mud Ring
PF16TS 4DAR	BB216TS Telescoping Slider Bracket, TP403 2 1/8" Deep Box with Pigtail, Adjustable 1G Mud Ring
PF16TS 4S58	BB216TS Telescoping Slider Bracket, TP404 1 1/2" Deep Box with Pigtail, 5/8" Raised 1G Mud Ring
PF16TS 4S75	BB216TS Telescoping Slider Bracket, TP404 1 1/2" Deep Box with Pigtail, 3/4" Raised 1G Mud Ring
PF16TS 4D258	BB216TS Telescoping Slider Bracket, TP403 2 1/8" Deep Box with Pigtail, 5/8" Raised 2G Mud Ring
PF16TS 4D275	BB216TS Telescoping Slider Bracket, TP403 2 1/8" Deep Box with Pigtail, 3/4" Raised 2G Mud Ring
PF16TS 4D2AR	BB216TS Telescoping Slider Bracket, TP403 2 1/8" Deep Box with Pigtail, Adjustable 2G Mud Ring
PF16TS 4S258	BB216TS Telescoping Slider Bracket, TP404 1 1/2" Deep Box with Pigtail, 5/8" Raised 2G Mud Ring
PF16TS 4S275	BB216TS Telescoping Slider Bracket, TP404 1 1/2" Deep Box with Pigtail, 3/4" Raised 2G Mud Ring

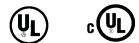
15" - 26" Telescoping Slider Assemblies are available. Replace 'PF16TS' (BB216TS) with 'PF24TS' (BB224TS). Refer to the PRE-formance catalog numbering system at the end of this section for additional assembly options and configurations.

MULTI-MOUNT ASSEMBLIES

Multi-mount Assemblies – all catalog numbers contain a 16" stud spanning multiple mount bracket. Each position may contain a 4" square steel box, mud ring and 8" insulated solid ground wire with ground screw.



UL and cUL Listed
UL File No. E-324733



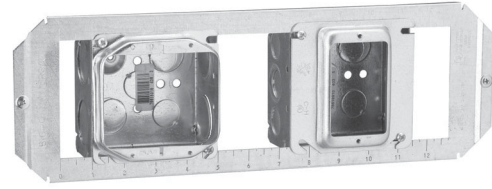
Cat. #	Description Pre-fabricated Box, Cover, Ground Screw & Lead Assembly
PF3MM 4D58 X X	BB816 Multiple Box Bracket, 1st Position TP403 2 1/8" Deep Box with Pigtail, 5/8" Raised 1G Mud Ring, 2nd and 3rd Positions Open
PF3MM 4D75 X X	BB816 Multiple Box Bracket, 1st Position TP403 2 1/8" Deep Box with Pigtail, 3/4" Raised 1G Mud Ring, 2nd and 3rd Positions Open
PF3MM 4D258 X X	BB816 Multiple Box Bracket, 1st Position TP403 2 1/8" Deep Box with Pigtail, 5/8" Raised 2G Mud Ring, 2nd and 3rd Positions Open
PF3MM 4D275 X X	BB816 Multiple Box Bracket, 1st Position TP403 2 1/8" Deep Box with Pigtail, 3/4" Raised 2G Mud Ring, 2nd and 3rd Positions Open
PF3MM 4D58 5DN58 X	BB816 Multiple Box Bracket, 1st Position TP403 2 1/8" Deep Box with Pigtail, 5/8" Raised 1G Mud Ring, 2nd Position TP525 4 1/16" Square 2 1/8" Deep Box, 5/8" Raised 1G Mud Ring, No Pigtail, 3rd Position Open
PF3MM 4D75 5DN75 X	BB816 Multiple Box Bracket, 1st Position TP403 2 1/8" Deep Box with Pigtail, 3/4" Raised 1G Mud Ring, 2nd Position TP525 4 1/16" Square 2 1/8" Deep Box, 3/4" Raised 1G Mud Ring, No Pigtail, 3rd Position Open
PF3MM 4D258 5DN58 X	BB816 Multiple Box Bracket, 1st Position TP403 2 1/8" Deep Box with Pigtail, 5/8" Raised 2G Mud Ring, 2nd Position TP525 4 1/16" Square 2 1/8" Deep Box, 5/8" Raised 1G Mud Ring, No Pigtail, 3rd Position Open
PF3MM 4D275 5DN75 X	BB816 Multiple Box Bracket, 1st Position TP403 2 1/8" Deep Box with Pigtail, 3/4" Raised 2G Mud Ring, 2nd Position TP525 4 1/16" Square 2 1/8" Deep Box, 3/4" Raised 1G Mud Ring, No Pigtail, 3rd Position Open
PF3MM 40D58 X X	BB816 Multiple Box Bracket, 1st Position Open Back 2 1/8" Deep Box with Pigtail, 5/8" Raised 1G Mud Ring, 2nd and 3rd Positions Open
PF3MM 40D75 X X	BB816 Multiple Box Bracket, 1st Position Open Back 2 1/8" Deep Box with Pigtail, 3/4" Raised 1G Mud Ring, 2nd and 3rd Positions Open
PF3MM 40D258 X X	BB816 Multiple Box Bracket, 1st Position Open Back 2 1/8" Deep Box with Pigtail, 5/8" Raised 2G Mud Ring, 2nd and 3rd Positions Open
PF3MM 40D275 X X	BB816 Multiple Box Bracket, 1st Position Open Back 2 1/8" Deep Box with Pigtail, 3/4" Raised 2G Mud Ring, 2nd and 3rd Positions Open
PF3MM 40D58 5DN58 X	BB816 Multiple Box Bracket, 1st Position Open Back 2 1/8" Deep Box with Pigtail, 5/8" Raised 1G Mud Ring, 2nd Position TP525 4 1/16" Square 2 1/8" Deep Box, 5/8" Raised 1G Mud Ring, No Pigtail, 3rd Position Open
PF3MM 40D75 5DN75 X	BB816 Multiple Box Bracket, 1st Position Open Back 2 1/8" Deep Box with Pigtail, 3/4" Raised 1G Mud Ring, 2nd Position TP525 4 1/16" Square 2 1/8" Deep Box, 3/4" Raised 1G Mud Ring, No Pigtail, 3rd Position Open
PF3MM 40D258 5DN58 X	BB816 Multiple Box Bracket, 1st Position Open Back 2 1/8" Deep Box with Pigtail, 5/8" Raised 2G Mud Ring, 2nd Position TP525 4 1/16" Square 2 1/8" Deep Box, 5/8" Raised 1G Mud Ring, No Pigtail, 3rd Position Open
PF3MM 40D275 5DN75 X	BB816 Multiple Box Bracket, 1st Position Open Back 2 1/8" Deep Box with Pigtail, 3/4" Raised 2G Mud Ring, 2nd Position TP525 4 1/16" Square 2 1/8" Deep Box, 3/4" Raised 1G Mud Ring, No Pigtail, 3rd Position Open

Refer to the PRE-formance catalog numbering system at the end of this section for additional assembly options and configurations.

Single Sided, Double Sided, Floor Mount, Telescoping Slider, Multi-mount, Open Bracket & T-bar Assemblies

OPEN BRACKET ASSEMBLIES

Open Bracket Assemblies – all catalog numbers contain a 16” stud spanning open bracket. Each position may contain a 4” square steel box, mud ring and 8” insulated solid ground wire with ground screw.



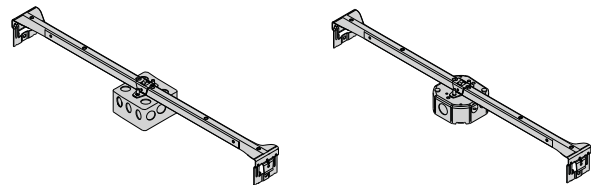
UL and cUL Listed
UL File No. E-324733

Cat. #	Description Pre-fabricated Box, Cover, Ground Screw & Lead Assembly
PF16BO 4D58 X X	BB716 Open Bracket, 1st Position TP403 2 1/8" Deep Box with Pigtail, 5/8" Raised 1G Mud Ring, 2nd and 3rd Positions Open
PF16BO 4D75 X X	BB716 Open Bracket, 1st Position TP403 2 1/8" Deep Box with Pigtail, 3/4" Raised 1G Mud Ring, 2nd and 3rd Positions Open
PF16BO 4D258 X X	BB716 Open Bracket, 1st Position TP403 2 1/8" Deep Box with Pigtail, 5/8" Raised 2G Mud Ring, 2nd and 3rd Positions Open
PF16BO 4D275 X X	BB716 Open Bracket, 1st Position TP403 2 1/8" Deep Box with Pigtail, 3/4" Raised 2G Mud Ring, 2nd and 3rd Positions Open
PF16BO 4D58 5DN58 X	BB716 Open Bracket, 1st Position TP403 2 1/8" Deep Box with Pigtail, 5/8" Raised 1G Mud Ring, 2nd Position TP525 4 1/16" Square 2 1/8" Deep Box, 5/8" Raised 1G Mud Ring, No Pigtail, 3rd Position Open
PF16BO 4D75 5DN75 X	BB716 Open Bracket, 1st Position TP403 2 1/8" Deep Box with Pigtail, 3/4" Raised 1G Mud Ring, 2nd Position TP525 4 1/16" Square 2 1/8" Deep Box, 3/4" Raised 1G Mud Ring, No Pigtail, 3rd Position Open
PF16BO 4D258 5DN58 X	BB716 Open Bracket, 1st Position TP403 2 1/8" Deep Box with Pigtail, 5/8" Raised 2G Mud Ring, 2nd position TP525 4 1/16" Square 2 1/8" Deep Box, 5/8" Raised 1G Mud Ring, No Pigtail, 3rd Position Open
PF16BO 4D275 5DN75 X	BB716 Open Bracket, 1st Position TP403 2 1/8" Deep Box with Pigtail, 3/4" Raised 2G Mud Ring, 2nd Position TP525 4 1/16" Square 2 1/8" Deep Box, 3/4" Raised 1G Mud Ring, No Pigtail, 3rd Position Open
PF16BO 40D58 X X	BB716 Open Bracket, 1st Position Open Back 2 1/8" Deep Box with Pigtail, 5/8" Raised 1G Mud Ring, 2nd and 3rd Positions Open
PF16BO 40D75 X X	BB716 Open Bracket, 1st Position Open Back 2 1/8" Deep Box with Pigtail, 3/4" Raised 1G Mud Ring, 2nd and 3rd Positions Open
PF16BO 40D258 X X	BB716 Open Bracket, 1st Position Open Back 2 1/8" Deep Box with Pigtail, 5/8" Raised 2G Mud Ring, 2nd and 3rd Positions Open
PF16BO 40D275 X X	BB716 Open Bracket, 1st Position Open Back 2 1/8" Deep Box with Pigtail, 3/4" Raised 2G Mud Ring, 2nd and 3rd Positions Open
PF16BO 40D58 5DN58 X	BB716 Open Bracket, 1st Position Open Back 2 1/8" Deep Box with Pigtail, 5/8" Raised 1G Mud Ring, 2nd Position TP525 4 1/16" Square 2 1/8" Deep Box, 5/8" Raised 1G Mud Ring, No Pigtail, 3rd Position Open
PF16BO 40D75 5DN75 X	BB716 Open Bracket, 1st Position Open Back 2 1/8" Deep Box with Pigtail, 3/4" Raised 1G Mud Ring, 2nd Position TP525 4 1/16" Square 2 1/8" Deep Box, 3/4" Raised 1G Mud Ring, No Pigtail, 3rd Position Open
PF16BO 40D258 5DN58 X	BB716 Open Bracket, 1st Position Open Back 2 1/8" Deep Box with Pigtail, 5/8" Raised 2G Mud Ring, 2nd Position TP525 4 1/16" Square 2 1/8" Deep Box, 5/8" Raised 1G Mud Ring, No Pigtail, 3rd Position Open
PF16BO 40D275 5DN75 X	BB716 Open Bracket, 1st Position Open Back 2 1/8" Deep Box with Pigtail, 3/4" Raised 2G Mud Ring, 2nd Position TP525 4 1/16" Square 2 1/8" Deep Box, 3/4" Raised 1G Mud Ring, No Pigtail, 3rd Position Open

Refer to the PRE-formance catalog numbering system at the end of this section for additional assembly options and configurations.

T-BAR ASSEMBLIES

T-bar Assemblies – all catalog numbers contain a BA50 T-bar fastener and a 4” square or octagon box.

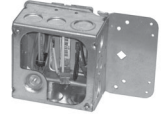


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Cat. #	Description Pre-fabricated Box, Cover, Ground Screw & Lead Assembly
PFBH24 4SN	BA50 Bar Hanger, TP404 1 1/2" Deep Box
PFBH24 4DN	BA50 Bar Hanger, TP403 2 1/8" Deep Box
PFBH24 278N	BA50 Bar Hanger, TP278 1 1/2" Deep Octagon Box
PFBH24 292N	BA50 Bar Hanger, TP292 2 1/8" Deep Octagon Box

Uni-Mount™ Assemblies with Wiring Devices

PRE-formance Uni-Mount Assemblies – all catalog numbers contain a Uni-Mount cover (TP31000 - TP37000), patented 4" square open back box, an 8" insulated solid box ground wire and one or two pre-wired Eaton's Wiring Devices with leads, push-in connectors and device protect plates.



Uni-Mount Assemblies with Wiring Devices are shipped standard with open back boxes. Open back boxes maximize the working area to reduce wiring time and eliminate interference problems. They virtually eliminate the need for disassembly at the job site. Open back boxes are available in either 1½" or 2½" deep with ½" and ¾" eccentric knockouts. All 4" square open back box assemblies are shipped with TP472 flat, blank back covers.

All assemblies are shown with ivory colored devices. At the end of the catalog number, replace the 'V' with 'W' for white colored device. Other device colors and types are available. Consult factory for details.

UL and cUL Listed



UL File No. E-324733

Commonly Ordered Catalog Examples:

See Uni-Mount Assembly catalog numbering system at the end of the Uni-Mount Assembly pages for more information on how to construct catalog numbers for almost any customer application.

Duplex Receptacle



Commercial Grade Receptacle	Industrial Grade Receptacle	Hospital Grade Receptacle		
Cat. # Assembly with CR20V Commercial Grade 20A Duplex Receptacle Installed	Cat. # Assembly with 5362V Industrial Grade 20A Duplex Receptacle Installed	Cat. # Assembly with 8300V Hospital Grade 20A Duplex Receptacle Installed	4" Square Steel Open Back Box	Uni-Mount
Single 20A Duplex Receptacle				
TP3140D C20DV	TP3140D I20DV	TP3140D H20DV	2½" Deep	5/8" Single Gang
TP3140S C20DV	TP3140S I20DV	TP3140S H20DV	1½" Deep	5/8" Single Gang
TP3240D C20DV	TP3240D I20DV	TP3240D H20DV	2½" Deep	¾" Single Gang
TP3240S C20DV	TP3240S I20DV	TP3240S H20DV	1½" Deep	¾" Single Gang
Double 20A Duplex Receptacle				
TP3640D C20DDV	TP3640D I20DDV	TP3640D H20DDV	2½" Deep	5/8" Two Gang
TP3640S C20DDV	TP3640S I20DDV	TP3640S H20DDV	1½" Deep	5/8" Two Gang
TP3740D C20DDV	TP3740D I20DDV	TP3740D H20DDV	2½" Deep	¾" Two Gang
TP3740S C20DDV	TP3740S I20DDV	TP3740S H20DDV	1½" Deep	¾" Two Gang

GFCI Receptacle



Specification Grade GFCI Receptacle	Hospital Grade GFCI Receptacle			
Cat. # Assembly with VGF20 Specification Grade 20A GFCI Receptacle Installed	Cat. # Assembly with VGFH20V Hospital Grade 20A GFCI Receptacle Installed	4" Square Steel Open Back Box		Uni-Mount
Single 20A GFCI Receptacle				
TP3140D S20GV	TP3140D H20GV	2½" Deep		5/8" Single Gang
TP3140S S20GV	TP3140S H20GV	1½" Deep		5/8" Single Gang
TP3240D S20GV	TP3240D H20GV	2½" Deep		¾" Single Gang
TP3240S S20GV	TP3240S H20GV	1½" Deep		¾" Single Gang
Double 20A GFCI Receptacle				
TP3640D S20GGV	TP3640D H20GGV	2½" Deep		5/8" Two Gang
TP3640S S20GGV	TP3640S H20GGV	1½" Deep		5/8" Two Gang
TP3740D S20GGV	TP3740D H20GGV	2½" Deep		¾" Two Gang
TP3740S S20GGV	TP3740S H20GGV	1½" Deep		¾" Two Gang

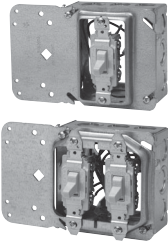
PRE-formance™

Uni-Mount™ Assemblies with Wiring Devices

Commonly Ordered Catalog Examples:

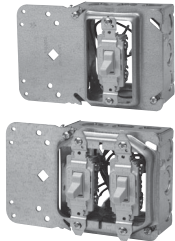
See Uni-Mount Assembly catalog numbering system at the end of the Uni-Mount Assembly pages for more information on how to construct catalog numbers for almost any customer application.

Single Pole Switch



Commercial Grade Single Pole Switch	Industrial Grade Single Pole Switch		
Cat. # Assembly with CS120V Commercial Grade 20A Single Pole Switch Installed	Cat. # Assembly with AH1221V Industrial Grade 20A Single Pole Switch Installed	4" Square Steel Open Back Box	Uni-Mount
Single 20A Single Pole Switch			
TP3140D C20SPV	TP3140D I20SPV	2 1/8" Deep	5/8" Single Gang
TP3140S C20SPV	TP3140S I20SPV	1 1/2" Deep	5/8" Single Gang
TP3240D C20SPV	TP3240D I20SPV	2 1/8" Deep	3/4" Single Gang
TP3240S C20SPV	TP3240S I20SPV	1 1/2" Deep	3/4" Single Gang
Double 20A Single Pole Switch			
TP3640D C20SPSPV	TP3640D I20SPSPV	2 1/8" Deep	5/8" Two Gang
TP3640S C20SPSPV	TP3640S I20SPSPV	1 1/2" Deep	5/8" Two Gang
TP3740D C20SPSPV	TP3740D I20SPSPV	2 1/8" Deep	3/4" Two Gang
TP3740S C20SPSPV	TP3740S I20SPSPV	1 1/2" Deep	3/4" Two Gang

Three Way Switch

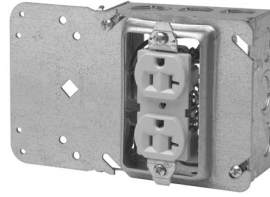


Commercial Grade Three Way Switch	Industrial Grade Three Way Switch		
Cat. # Assembly with CS320V Commercial Grade 20A Three Way Switch Installed	Cat. # Assembly with AH1223V Industrial Grade 20A Three Way Switch Installed	4" Square Steel Open Back Box	Uni-Mount
Single 20A Three Way Switch			
TP3140D C203WV	TP3140D I203WV	2 1/8" Deep	5/8" Single Gang
TP3140S C203WV	TP3140S I203WV	1 1/2" Deep	5/8" Single Gang
TP3240D C203WV	TP3240D I203WV	2 1/8" Deep	3/4" Single Gang
TP3240S C203WV	TP3240S I203WV	1 1/2" Deep	3/4" Single Gang
Double 20A Three Way Switch			
TP3640D C203W3WV	TP3640D I203W3WV	2 1/8" Deep	5/8" Two Gang
TP3640S C203W3WV	TP3640S I203W3WV	1 1/2" Deep	5/8" Two Gang
TP3740D C203W3WV	TP3740D I203W3WV	2 1/8" Deep	3/4" Two Gang
TP3740S C203W3WV	TP3740S I203W3WV	1 1/2" Deep	3/4" Two Gang

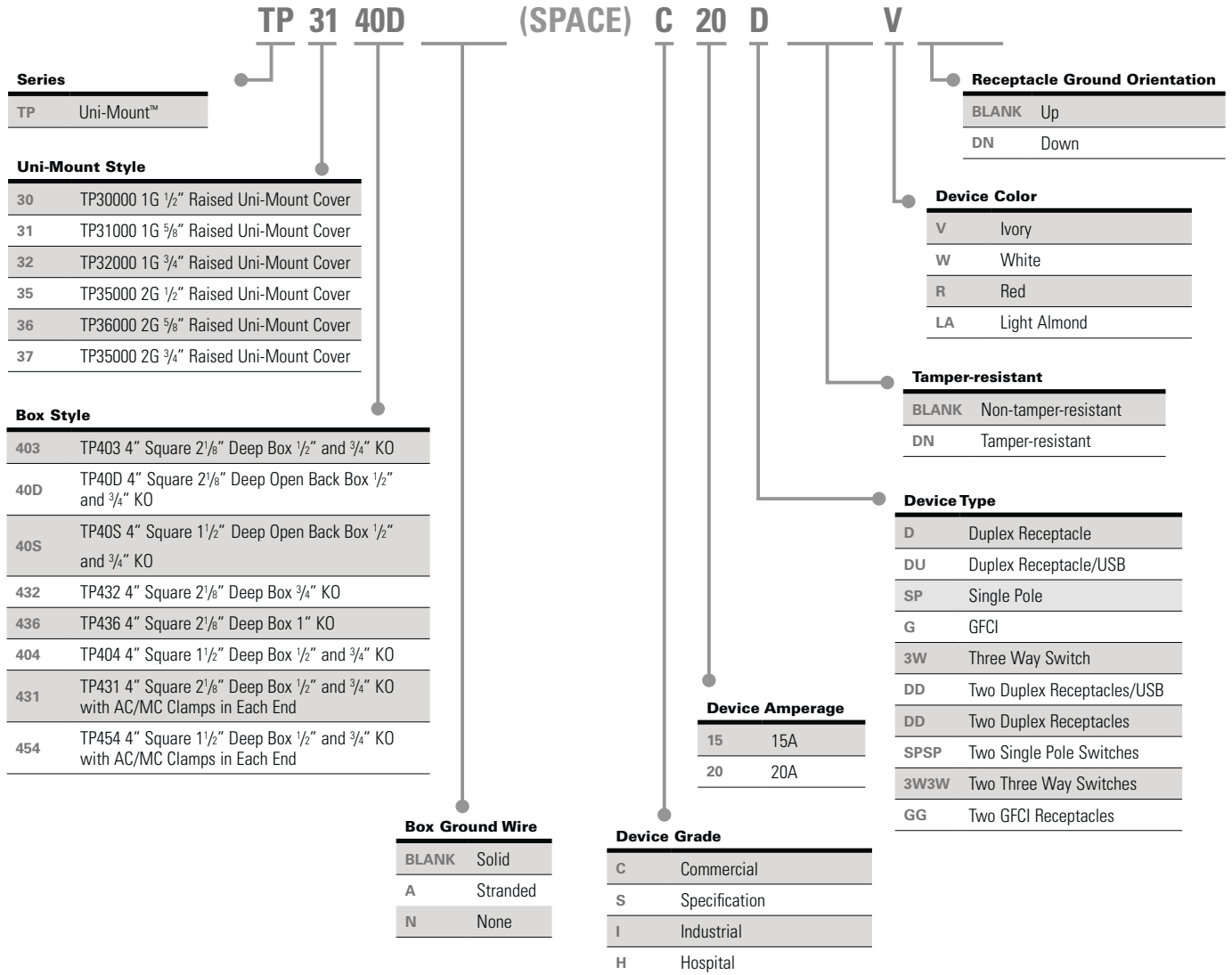
- All open back box assemblies are shipped with TP472 flat, blank back covers, ground screw and lead.
- Other box types, device colors, mud ring depths, brackets and assembly configurations are available. Consult factory for details.
- To change the color of device from ivory (as shown) to white, substitute 'V' (ivory) with 'W' (white). For example: TP3140D C20DV becomes TP3140D C20DW.
- All receptacles are shipped standard ground up. Add suffix DN for ground down.
- All assemblies shipped standard with metal device protect plates.
- Pre-installed connectors available on all assembly types. Consult factory for details.

Uni-Mount™ Assemblies with Wiring Devices

PRE-formance™ Catalog Numbering System for Uni-Mount™ Assemblies with Wiring Devices:



Part number example
TP3140D C20DV



PRE-formance™

Standard Eaton's Wiring Devices Used in PRE-formance Assemblies

Eaton's Crouse-Hinds Series Wiring Device Nomenclature (without Color Suffix)	Eaton's Wiring Devices Catalog Number Used (Shown without Color Suffix)	Description
C20D	CR20	Commercial Grade 20A Duplex Receptacle
I20D	5362	Industrial Grade 20A Duplex Receptacle
H20D	8300	Hospital Grade 20A Duplex Receptacle
S20G	VGf20	Specification Grade 20A GFCI Receptacle
H20G	VGfH20	Hospital Grade 20A GFCI Receptacle
C20SP	CS120	Commercial Grade 20A Single Pole Switch
I20SP	AH1221	Industrial Grade 20A Single Pole Switch
C203W	CS320	Commercial Grade 20A Three Way Switch
I203W	AH1223	Industrial Grade 20A Three Way Switch

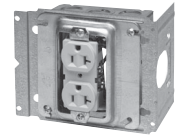
Single Sided Assemblies with Wiring Devices

PRE-formance Single Sided Assemblies – all catalog numbers contain a single sided bracket (BB4-23 for 3/2" and 2/2" studs), a 4" square box, an 8" insulated solid box ground wire and one or two pre-wired Eaton's Wiring Devices with leads, push-in connectors and device protect plates.

Single Sided Assemblies with Wiring Devices are shipped standard with open back boxes. Open back boxes maximize the working area to reduce wiring time and eliminate interference problems. They virtually eliminate the need for disassembly at the job site. Open back boxes are available in either 1 1/2" or 2 1/8" deep with 1/2 and 3/4 eccentric knockouts. All 4" square open back box assemblies are shipped with TP472 flat, blank back covers.

All assemblies are shown with ivory colored devices. At the end of the catalog number, replace the 'V' with 'W' for white colored device. Other device colors and types are available. Consult factory for details. Double sided direct mount assemblies are also available. Substitute 'PFH3' in the catalog number with 'PF3DS' (BB73 double sided bracket).

4" and 6" far side supports are available. Replace 'PFH3' (for 2 1/2" and 3 1/2" studs) with 'PFH4' (4") (BB44) or 'PFH6' (6") (BB46).



UL and cUL Listed

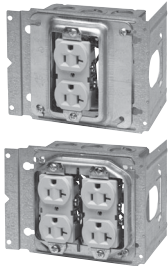


UL File No. E-324733

Commonly Ordered Catalog Examples:

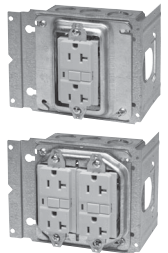
See assembly catalog numbering system at the end of this section for more information on how to construct catalog numbers for almost any customer application.

Duplex Receptacle



Commercial Grade Receptacle	Industrial Grade Receptacle	Hospital Grade Receptacle		
Cat. # Assembly with CR20V Commercial Grade 20A Duplex Receptacle Installed	Cat. # Assembly with 5362V Industrial Grade 20A Duplex Receptacle Installed	Cat. # Assembly with 8300V Hospital Grade 20A Duplex Receptacle Installed	4" Square Steel Open Back Box	Mud Ring
Single 20A Duplex Receptacle				
PFH3 40D58C20DV	PFH3 40D58I20DV	PFH3 40D58H20DV	2 1/8" Deep	5/8" Single Gang
PFH3 40S58C20DV	PFH3 40S58I20DV	PFH3 40S58H20DV	1 1/2" Deep	5/8" Single Gang
PFH3 40D75C20DV	PFH3 40D75I20DV	PFH3 40D75H20DV	2 1/8" Deep	3/4" Single Gang
PFH3 40S75C20DV	PFH3 40S75I20DV	PFH3 40S75H20DV	1 1/2" Deep	3/4" Single Gang
Double 20A Duplex Receptacle				
PFH3 40D258C20DDV	PFH3 40D258I20DDV	PFH3 40D258H20DDV	2 1/8" Deep	5/8" Two Gang
PFH3 40S258C20DDV	PFH3 40S258I20DDV	PFH3 40S258H20DDV	1 1/2" Deep	5/8" Two Gang
PFH3 40D275C20DDV	PFH3 40D275I20DDV	PFH3 40D275H20DDV	2 1/8" Deep	3/4" Two Gang
PFH3 40S275C20DDV	PFH3 40S275I20DDV	PFH3 40S275H20DDV	1 1/2" Deep	3/4" Two Gang

GFCI Receptacle



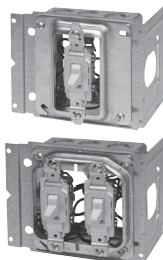
Specification Grade GFCI Receptacle	Hospital Grade GFCI Receptacle			
Cat. # Assembly with VGF20 Specification Grade 20A GFCI Receptacle Installed	Cat. # Assembly with VGFH20V Hospital Grade 20A GFCI Receptacle Installed	4" Square Steel Open Back Box		Mud Ring
Single 20A GFCI Receptacle				
PFH3 40D58S20GV	PFH3 40D58H20GV	2 1/8" Deep		5/8" Single Gang
PFH3 40S58S20GV	PFH3 40S58H20GV	1 1/2" Deep		5/8" Single Gang
PFH3 40D75S20GV	PFH3 40D75H20GV	2 1/8" Deep		3/4" Single Gang
PFH3 40S75S20GV	PFH3 40S75H20GV	1 1/2" Deep		3/4" Single Gang
Double 20A GFCI Receptacle				
PFH3 40D258S20GGV	PFH3 40D258H20GGV	2 1/8" Deep		5/8" Two Gang
PFH3 40S258S20GGV	PFH3 40S258H20GGV	1 1/2" Deep		5/8" Two Gang
PFH3 40D275S20GGV	PFH3 40D275H20GGV	2 1/8" Deep		3/4" Two Gang
PFH3 40S275S20GGV	PFH3 40S275H20GGV	1 1/2" Deep		3/4" Two Gang

Single Sided Assemblies with Wiring Devices

Commonly Ordered Catalog Examples:

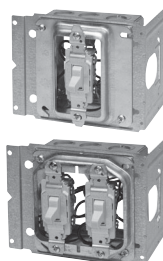
See assembly catalog numbering system at the end of this section for more information on how to construct catalog numbers for almost any customer application.

Single Pole Switch



Commercial Grade Single Pole Switch		Industrial Grade Single Pole Switch		
Cat. #	Assembly with	Cat. #	Assembly with	
	CS120V Commercial Grade 20A Single Pole Switch Installed		AH1221V Industrial Grade 20A Single Pole Switch Installed	4" Square Steel Open Back Box Mud Ring
Single 20A Single Pole Switch				
PFH3 40D58C20SPV		PFH3 40D58I20SPV		2 1/8" Deep 5/8" Single Gang
PFH3 40S58C20SPV		PFH3 40S58I20SPV		1 1/2" Deep 5/8" Single Gang
PFH3 40D75C20SPV		PFH3 40D75I20SPV		2 1/8" Deep 3/4" Single Gang
PFH3 40S75C20SPV		PFH3 40S75I20SPV		1 1/2" Deep 3/4" Single Gang
Double 20A Single Pole Switch				
PFH3 40D258C20SPSPV		PFH3 40D258I20SPSPV		2 1/8" Deep 5/8" Two Gang
PFH3 40S258C20SPSPV		PFH3 40S258I20SPSPV		1 1/2" Deep 5/8" Two Gang
PFH3 40D275C20SPSPV		PFH3 40D275I20SPSPV		2 1/8" Deep 3/4" Two Gang
PFH3 40S275C20SPSPV		PFH3 40S275I20SPSPV		1 1/2" Deep 3/4" Two Gang

Three Way Switch



Commercial Grade Three Way Switch		Industrial Grade Three Way Switch		
Cat. #	Assembly with	Cat. #	Assembly with	
	CS320V Commercial Grade 20A Three Way Switch Installed		AH1223V Industrial Grade 20A Three Way Switch Installed	4" Square Steel Open Back Box Mud Ring
Single 20A Three Way Switch				
PFH3 40D58C203WV		PFH3 40D58I203WV		2 1/8" Deep 5/8" Single Gang
PFH3 40S58C203WV		PFH3 40S58I203WV		1 1/2" Deep 5/8" Single Gang
PFH3 40D75C203WV		PFH3 40D75I203WV		2 1/8" Deep 3/4" Single Gang
PFH3 40S75C203WV		PFH3 40S75I203WV		1 1/2" Deep 3/4" Single Gang
Double 20A Three Way Switch				
PFH3 40D258C203W3WV		PFH3 40D258I203W3WV		2 1/8" Deep 5/8" Two Gang
PFH3 40S258C203W3WV		PFH3 40S258I203W3WV		1 1/2" Deep 5/8" Two Gang
PFH3 40D275C203W3WV		PFH3 40D275I203W3WV		2 1/8" Deep 3/4" Two Gang
PFH3 40S275C203W3WV		PFH3 40S275I203W3WV		1 1/2" Deep 3/4" Two Gang

- All open back box assemblies are shipped with TP472 flat, blank back covers, ground screw and lead.
- Other box types, device colors, mud ring depths, brackets and assembly configurations are available. Consult factory for details.
- To change the color of device from ivory (as shown) to white, substitute 'V' (ivory) with 'W' (white). For example: PFH3 40D58C20DV becomes PFH3 40D58C20DW.
- All receptacles are shipped standard ground up. Add suffix DN for ground down.
- All assemblies shipped standard with metal device protect plates.
- Pre-installed connectors available on all assembly types. Consult factory for details.

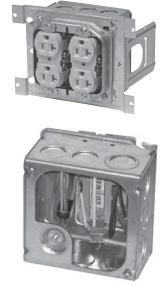
Double Sided Assemblies with Wiring Devices

PRE-formance Double Sided Assemblies – all catalog numbers contain a double sided bracket (BB73-23 for 3½” and 2½” studs), a 4” square box, an 8” insulated solid box ground wire and one or two pre-wired Eaton’s Wiring Devices with leads, push-in connectors and device protect plates.

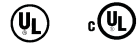
Double Sided Assemblies with Wiring Devices are shipped standard with open back boxes. Open back boxes maximize the working area to reduce wiring time and eliminate interference problems. They virtually eliminate the need for disassembly at the job site. Open back boxes are available in either 1½” or 2½” deep with ½ and ¾ eccentric knockouts. All 4” square open back box assemblies are shipped with TP472 flat, blank back covers.

All assemblies are shown with ivory colored devices. At the end of the catalog number, replace the ‘V’ with ‘W’ for white colored device. Other device colors and types are available. Consult factory for details.

4” and 6” far side supports are available. Replace ‘PF3DS’ (for 2½” and 3½” studs) with ‘PF4DS’ (4”) (BB74) or ‘PF6DS’ (6”) (BB76).



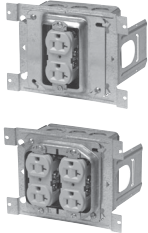
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UL File No. E-324733



Commonly Ordered Catalog Examples:

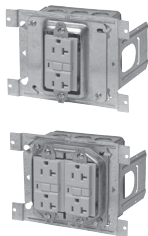
See assembly catalog numbering system at the end of this section for more information on how to construct catalog numbers for almost any customer application.

Duplex Receptacle



Commercial Grade Receptacle	Industrial Grade Receptacle	Hospital Grade Receptacle	4” Square Steel Open Back Box	Mud Ring
Cat. # Assembly with CR20V Commercial Grade 20A Duplex Receptacle Installed	Cat. # Assembly with 5362V Industrial Grade 20A Duplex Receptacle Installed	Cat. # Assembly with 8300V Hospital Grade 20A Duplex Receptacle Installed		
Single 20A Duplex Receptacle				
PF3DS 40D58C20DV	PF3DS 40D58I20DV	PF3DS 40D58H20DV	2½” Deep	5/8” Single Gang
PF3DS 40S58C20DV	PF3DS 40S58I20DV	PF3DS 40S58H20DV	1½” Deep	5/8” Single Gang
PF3DS 40D75C20DV	PF3DS 40D75I20DV	PF3DS 40D75H20DV	2½” Deep	¾” Single Gang
PF3DS 40S75C20DV	PF3DS 40S75I20DV	PF3DS 40S75H20DV	1½” Deep	¾” Single Gang
Double 20A Duplex Receptacle				
PF3DS 40D258C20DDV	PF3DS 40D258I20DDV	PF3DS 40D258H20DDV	2½” Deep	5/8” Two Gang
PF3DS 40S258C20DDV	PF3DS 40S258I20DDV	PF3DS 40S258H20DDV	1½” Deep	5/8” Two Gang
PF3DS 40D275C20DDV	PF3DS 40D275I20DDV	PF3DS 40D275H20DDV	2½” Deep	¾” Two Gang
PF3DS 40S275C20DDV	PF3DS 40S275I20DDV	PF3DS 40S275H20DDV	1½” Deep	¾” Two Gang

GFCI Receptacle



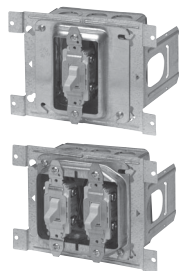
Specification Grade GFCI Receptacle	Hospital Grade GFCI Receptacle	4” Square Steel Open Back Box	Mud Ring
Cat. # Assembly with VGF20 Specification Grade 20A GFCI Receptacle Installed	Cat. # Assembly with VGFH20V Hospital Grade 20A GFCI Receptacle Installed		
Single 20A GFCI Receptacle			
PF3DS 40D58S20GV	PF3DS 40D58H20GV	2½” Deep	5/8” Single Gang
PF3DS 40S58S20GV	PF3DS 40S58H20GV	1½” Deep	5/8” Single Gang
PF3DS 40D75S20GV	PF3DS 40D75H20GV	2½” Deep	¾” Single Gang
PF3DS 40S75S20GV	PF3DS 40S75H20GV	1½” Deep	¾” Single Gang
Double 20A GFCI Receptacle			
PF3DS 40D258S20GGV	PF3DS 40D258H20GGV	2½” Deep	5/8” Two Gang
PF3DS 40S258S20GGV	PF3DS 40S258H20GGV	1½” Deep	5/8” Two Gang
PF3DS 40D275S20GGV	PF3DS 40D275H20GGV	2½” Deep	¾” Two Gang
PF3DS 40S275S20GGV	PF3DS 40S275H20GGV	1½” Deep	¾” Two Gang

Double Sided Assemblies with Wiring Devices

Commonly Ordered Catalog Examples:

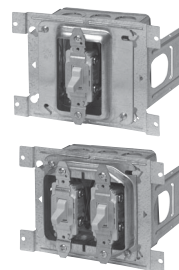
See assembly catalog numbering system at the end of this section for more information on how to construct catalog numbers for almost any customer application.

Single Pole Switch



Commercial Grade Single Pole Switch	Industrial Grade Single Pole Switch	4" Square Steel Open Back Box	Mud Ring
Cat. # Assembly with CS120V Commercial Grade 20A Single Pole Switch Installed	Cat. # Assembly with AH1221V Industrial Grade 20A Single Pole Switch Installed		
Single 20A Single Pole Switch			
PF3DS 40D58C20SPV	PF3DS 40D58I20SPV	2 1/8" Deep	5/8" Single Gang
PF3DS 40S58C20SPV	PF3DS 40S58I20SPV	1 1/2" Deep	5/8" Single Gang
PF3DS 40D75C20SPV	PF3DS 40D75I20SPV	2 1/8" Deep	3/4" Single Gang
PF3DS 40S75C20SPV	PF3DS 40S75I20SPV	1 1/2" Deep	3/4" Single Gang
Double 20A Single Pole Switch			
PF3DS 40D258C20SPSPV	PF3DS 40D258I20SPSPV	2 1/8" Deep	5/8" Two Gang
PF3DS 40S258C20SPSPV	PF3DS 40S258I20SPSPV	1 1/2" Deep	5/8" Two Gang
PF3DS 40D275C20SPSPV	PF3DS 40D275I20SPSPV	2 1/8" Deep	3/4" Two Gang
PF3DS 40S275C20SPSPV	PF3DS 40S275I20SPSPV	1 1/2" Deep	3/4" Two Gang

Three Way Switch



Commercial Grade Three Way Switch	Industrial Grade Three Way Switch	4" Square Steel Open Back Box	Mud Ring
Cat. # Assembly with CS320V Commercial Grade 20A Three Way Switch Installed	Cat. # Assembly with AH1223V Industrial Grade 20A Three Way Switch Installed		
Single 20A Three Way Switch			
PF3DS 40D58C203WV	PF3DS 40D58I203WV	2 1/8" Deep	5/8" Single Gang
PF3DS 40S58C203WV	PF3DS 40S58I203WV	1 1/2" Deep	5/8" Single Gang
PF3DS 40D75C203WV	PF3DS 40D75I203WV	2 1/8" Deep	3/4" Single Gang
PF3DS 40S75C203WV	PF3DS 40S75I203WV	1 1/2" Deep	3/4" Single Gang
Double 20A Three Way Switch			
PF3DS 40D258C203W3WV	PF3DS 40D258I203W3WV	2 1/8" Deep	5/8" Two Gang
PF3DS 40S258C203W3WV	PF3DS 40S258I203W3WV	1 1/2" Deep	5/8" Two Gang
PF3DS 40D275C203W3WV	PF3DS 40D275I203W3WV	2 1/8" Deep	3/4" Two Gang
PF3DS 40S275C203W3WV	PF3DS 40S275I203W3WV	1 1/2" Deep	3/4" Two Gang

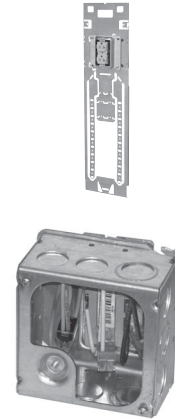
- All open back box assemblies are shipped with TP472 flat, blank back covers, ground screw and lead.
- Other box types, device colors, mud ring depths, brackets and assembly configurations are available. Consult factory for details.
- To change the color of device from ivory (as shown) to white, substitute 'V' (ivory) with 'W' (white). For example: PF3DS 40D58C20DV becomes PF3DS 40D58C20DW.
- All receptacles are shipped standard ground up. Add suffix DN for ground down.
- All assemblies shipped standard with metal device protect plates.
- Pre-installed connectors available on all assembly types. Consult factory for details.

Floor Mount Assemblies with Wiring Devices

PRE-formance Floor Mount Assemblies – all catalog numbers contain a floor mount bracket (BBF18) which positions device at 18" on center, a 4" square box, an 8" insulated solid box ground wire with ground screw and one or two pre-wired Eaton's Wiring Devices with leads, push-in connectors and device protect plates.

Floor Mount Assemblies with Wiring Devices are shipped standard with open back boxes. Open back boxes maximize the working area to reduce wiring time and eliminate interference problems. They virtually eliminate the need for disassembly at the job site. Open back boxes are available in either 1½" or 2½" deep with ½" and ¾" eccentric knockouts. All 4" square open back box assemblies are shipped with TP472 flat, blank back covers.

All assemblies are shown with ivory colored devices. At the end of the catalog number, replace the 'V' with 'W' for white colored device. Other device colors and types are available. Consult factory for details.



UL and cUL Listed



UL File No. E-324733

Commonly Ordered Catalog Examples:

See assembly catalog numbering system at the end of this section for more information on how to construct catalog numbers for almost any customer application.

Single Receptacle



Commercial Grade Receptacle	Industrial Grade Receptacle	Hospital Grade Receptacle	4" Square Steel Open Back Box	Mud Ring
Cat. # Assembly with CR20V Commercial Grade 20A Duplex Receptacle Installed	Cat. # Assembly with 5362V Industrial Grade 20A Duplex Receptacle Installed	Cat. # Assembly with 8300V Hospital Grade 20A Duplex Receptacle Installed		
Single 20A Duplex Receptacle				
PF18FM 40D58C20DV	PF18FM 40D58I20DV	PF18FM 40D58H20DV	2½" Deep	5/8" Single Gang
PF18FM 40S58C20DV	PF18FM 40S58I20DV	PF18FM 40S58H20DV	1½" Deep	5/8" Single Gang
PF18FM 40D75C20DV	PF18FM 40D75I20DV	PF18FM 40D75H20DV	2½" Deep	¾" Single Gang
PF18FM 40S75C20DV	PF18FM 40S75I20DV	PF18FM 40S75H20DV	1½" Deep	¾" Single Gang
Double 20A Duplex Receptacle				
PF18FM 40D258C20DDV	PF18FM 40D258I20DDV	PF18FM 40D258H20DDV	2½" Deep	5/8" Two Gang
PF18FM 40S258C20DDV	PF18FM 40S258I20DDV	PF18FM 40S258H20DDV	1½" Deep	5/8" Two Gang
PF18FM 40D275C20DDV	PF18FM 40D275I20DDV	PF18FM 40D275H20DDV	2½" Deep	¾" Two Gang
PF18FM 40S275C20DDV	PF18FM 40S275I20DDV	PF18FM 40S275H20DDV	1½" Deep	¾" Two Gang

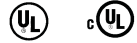
- All open back box assemblies are shipped with TP472 flat, blank back covers, ground screw and lead.
- Other box types, device colors, mud ring depths, brackets and assembly configurations are available. Consult factory for details.
- To change the color of device from ivory (as shown) to white, substitute 'V' (ivory) with 'W' (white). For example: PF18FM 40D58C20DV becomes PF18FM 40D58C20DW.
- All receptacles are shipped standard ground up. Add suffix DN for ground down.
- All assemblies shipped standard with metal device protect plates.
- Pre-installed connectors available on all assembly types. Consult factory for details.

Telescoping Slider Assemblies with Wiring Devices

PRE-formance Telescoping Slider Assemblies – all catalog numbers contain a telescoping slider bracket (BB216TS 11" - 18"), a 4" square traditional closed back box, an 8" insulated stranded box ground wire with ground screw and one or two pre-wired Eaton's Wiring Devices with leads, push-in connectors and device protect plates.



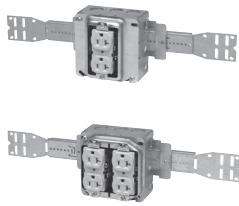
UL and cUL Listed
UL File No. E-324733



Commonly Ordered Catalog Examples:

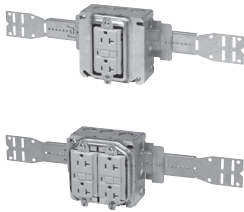
See assembly catalog numbering system at the end of this section for more information on how to construct catalog numbers for almost any customer application.

Duplex Receptacles



Commercial Grade Receptacle	Industrial Grade Receptacle	Hospital Grade Receptacle	4" Square Steel Box (Not Open Back)	Mud Ring
Cat. # Assembly with CR20V Commercial Grade 20A Duplex Receptacle Installed	Cat. # Assembly with 5362V Industrial Grade 20A Duplex Receptacle Installed	Cat. # Assembly with 8300V Hospital Grade 20A Duplex Receptacle Installed		
Single 20A Duplex Receptacle				
PF16TS 4DA58C20DV	PF16TS 4DA58I20DV	PF16TS 4DA58H20DV	2 1/8" Deep	5/8" Single Gang
PF16TS 4SA58C20DV	PF16TS 4SA58I20DV	PF16TS 4SA58H20DV	1 1/2" Deep	5/8" Single Gang
PF16TS 4DA75C20DV	PF16TS 4DA75I20DV	PF16TS 4DA75H20DV	2 1/8" Deep	3/4" Single Gang
PF16TS 4SA75C20DV	PF16TS 4SA75I20DV	PF16TS 4SA75H20DV	1 1/2" Deep	3/4" Single Gang
Double 20A Duplex Receptacle				
PF16TS 4DA258C20DDV	PF16TS 4DA258I20DDV	PF16TS 4DA258H20DDV	2 1/8" Deep	5/8" Two Gang
PF16TS 4SA258C20DDV	PF16TS 4SA258I20DDV	PF16TS 4SA258H20DDV	1 1/2" Deep	5/8" Two Gang
PF16TS 4DA275C20DDV	PF16TS 4DA275I20DDV	PF16TS 4DA275H20DDV	2 1/8" Deep	3/4" Two Gang
PF16TS 4SA275C20DDV	PF16TS 4SA275I20DDV	PF16TS 4SA275H20DDV	1 1/2" Deep	3/4" Two Gang

GFCI Receptacles



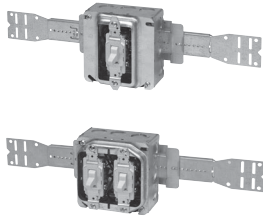
Specification Grade GFCI Receptacle	Hospital Grade GFCI Receptacle	4" Square Steel Box (Not Open Back)	Mud Ring
Cat. # Assembly with VGF20 Specification Grade 20A GFCI Receptacle Installed	Cat. # Assembly with VGFH20V Hospital Grade 20A GFCI Receptacle Installed		
Single 20A GFCI Receptacle			
PF16TS 4DA58S20GV	PF16TS 4DA58H20GV	2 1/8" Deep	5/8" Single Gang
PF16TS 4SA58S20GV	PF16TS 4SA58H20GV	1 1/2" Deep	5/8" Single Gang
PF16TS 4DA75S20GV	PF16TS 4DA75H20GV	2 1/8" Deep	3/4" Single Gang
PF16TS 4SA75S20GV	PF16TS 4SA75H20GV	1 1/2" Deep	3/4" Single Gang
Double 20A GFCI Receptacle			
PF16TS 4DA258S20GGV	PF16TS 4DA258H20GGV	2 1/8" Deep	5/8" Two Gang
PF16TS 4SA258S20GGV	PF16TS 4SA258H20GGV	1 1/2" Deep	5/8" Two Gang
PF16TS 4DA275S20GGV	PF16TS 4DA275H20GGV	2 1/8" Deep	3/4" Two Gang
PF16TS 4SA275S20GGV	PF16TS 4SA275H20GGV	1 1/2" Deep	3/4" Two Gang

Telescoping Slider Assemblies with Wiring Devices

Commonly Ordered Catalog Examples:

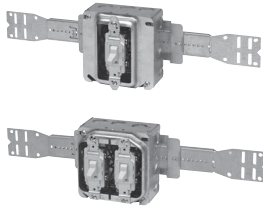
See assembly catalog numbering system at the end of this section for more information on how to construct catalog numbers for almost any customer application.

Single Pole Switch



Commercial Grade Single Pole Switch		Industrial Grade Single Pole Switch	
Cat. # Assembly with CS120V Commercial Grade 20A Single Pole Switch Installed	Cat. # Assembly with AH1221V Industrial Grade 20A Single Pole Switch Installed	4" Square Steel Box (Not Open Back)	Mud Ring
Single 20A Single Pole Switch			
PF16TS 4DA58C20SPV	PF16TS 4DA58I20SPV	2 1/8" Deep	5/8" Single Gang
PF16TS 4SA58C20SPV	PF16TS 4SA58I20SPV	1 1/2" Deep	5/8" Single Gang
PF16TS 4DA75C20SPV	PF16TS 4DA75I20SPV	2 7/8" Deep	3/4" Single Gang
PF16TS 4SA75C20SPV	PF16TS 4SA75I20SPV	1 1/2" Deep	3/4" Single Gang
Double 20A Single Pole Switch			
PF16TS 4DA258C20SPSPV	PF16TS 4DA258I20SPSPV	2 1/8" Deep	5/8" Two Gang
PF16TS 4SA258C20SPSPV	PF16TS 4SA258I20SPSPV	1 1/2" Deep	5/8" Two Gang
PF16TS 4DA275C20SPSPV	PF16TS 4DA275I20SPSPV	2 7/8" Deep	3/4" Two Gang
PF16TS 4SA275C20SPSPV	PF16TS 4SA275I20SPSPV	1 1/2" Deep	3/4" Two Gang

Three Way Switch



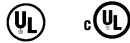
Commercial Grade Three Way Switch		Industrial Grade Three Way Switch	
Cat. # Assembly with CS320V Commercial Grade 20A Three Way Switch Installed	Cat. # Assembly with AH1223V Industrial Grade 20A Three Way Switch Installed	4" Square Steel Box (Not Open Back)	Mud Ring
Single 20A Three Way Switch			
PF16TS 4DA58C203WV	PF16TS 4DA58I203WV	2 1/8" Deep	5/8" Single Gang
PF16TS 4SA58C203WV	PF16TS 4SA58I203WV	1 1/2" Deep	5/8" Single Gang
PF16TS 4DA75C203WV	PF16TS 4DA75I203WV	2 7/8" Deep	3/4" Single Gang
PF16TS 4SA75C203WV	PF16TS 4SA75I203WV	1 1/2" Deep	3/4" Single Gang
Double 20A Three Way Switch			
PF16TS 4DA258C203W3WV	PF16TS 4DA258I203W3WV	2 1/8" Deep	5/8" Two Gang
PF16TS 4SA258C203W3WV	PF16TS 4SA258I203W3WV	1 1/2" Deep	5/8" Two Gang
PF16TS 4DA275C203W3WV	PF16TS 4DA275I203W3WV	2 7/8" Deep	3/4" Two Gang
PF16TS 4SA275C203W3WV	PF16TS 4SA275I203W3WV	1 1/2" Deep	3/4" Two Gang

- Other box types, device colors, mud ring depths, brackets and assembly configurations are available. Consult factory for details.
- To change the color of device from ivory (as shown) to white, substitute 'V' (ivory) with 'W' (white). For example: PF16TS 4DAC20DV becomes PF16TS 4DAC20DW.
- All receptacles are shipped standard ground up. Add suffix DN for ground down.
- All assemblies shipped standard with metal device protect plates.
- Pre-installed connectors available on all assembly types. Consult factory for details.
- Telescoping Slider Bracket Assemblies are shipped with traditional closed back box, ground screw and stranded leads on box and devices.
- Device leads and push-in connectors are left inside the box and will not be pulled out of knockouts prior to shipment unless specified by customer.

Multi-mount Assemblies with Wiring Devices

PRE-formance Multi-mount Assemblies – all catalog numbers contain a multiple mount bracket (available in either 16” stud spanning or 24” stud spanning). Each position may contain an outlet box, an 8” insulated solid box ground wire with ground screw and one or two pre-wired Eaton’s Wiring Devices with leads, push-in connectors and device protect plates.

UL and cUL Listed



UL File No. E-324733

Commonly Ordered Catalog Examples:

See assembly catalog numbering system at the end of this section for more information on how to construct catalog numbers for almost any customer application.



PF3MM 40D58C20DV 5D58 X

- 3MM bracket – BB816 3-hole multiple mount bracket for 16” stud spacing
- 4MM bracket (not shown) – BB824 4-hole multiple mount bracket for 24” stud spacing



PF16BO 40D58C20DV X 40D258C20DDV

- 16BO bracket – BB716 open mount bracket for 16” stud spacing
- 24BO bracket (not shown) – BB724 open mount bracket for 24” stud spacing

Commonly Ordered Catalog Numbers

Description

PF3MM 40D58C20DV 5DN58 X

Assembly – BB816 Multiple Box Bracket; 4” Square Open Back Box with Ground Screw, Lead and Back Cover; TP489 5/8” Raised 1G Mud Ring; Pre-wired CR20V 20A Commercial Duplex Receptacle, Ivory with Leads, Push-in Connectors and Protect Plate (Not Shown); 2nd Position TP525 4 1/16” Box; TP579 4 1/16” 5/8” Raised 1G Mud Ring; No Ground Wire

PF16BO 40D58C20DV X 40D58C20DDV

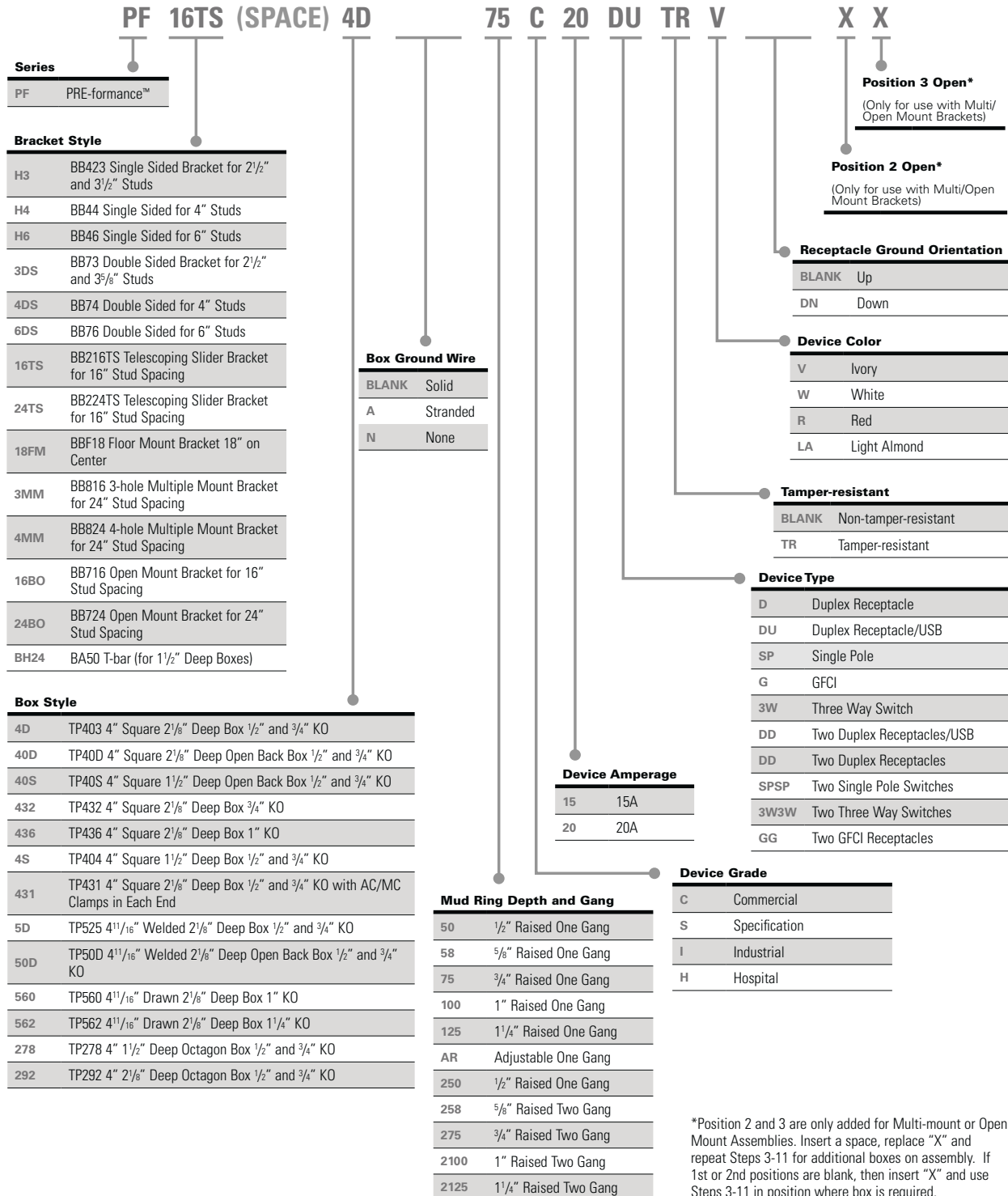
Assembly – BB716 Open Bracket; 4” Square Open Back Box with Ground Screw, Lead and Back Cover; TP489 5/8” Raised 1G Mud Ring; Pre-wired CR20V 20A Commercial Duplex Receptacle, Ivory with Leads, Push-in Connectors and Protect Plate; 2nd Position Open; 3rd Position 4” Square Open Back Box with Ground Screw, Lead and Back Cover; TP499 5/8” Raised 2G Mud Ring; Two Pre-wired CR20V 20A Commercial Duplex Receptacles, Ivory with Leads, Push-in Connectors and Protect Plates

- All open back box assemblies are shipped with TP472 flat, blank back covers, ground screw and lead.
- Other box types, device colors, mud ring depths, brackets and assembly configurations are available. Consult factory for details.
- To change the color of device from ivory (as shown) to white, substitute 'V' (ivory) with 'W' (white).
- All receptacles are shipped standard ground up. Add suffix DN for ground down.
- All assemblies shipped standard with metal device protect plates.
- Pre-installed connectors available on all assembly types. Consult factory for details.

Catalog Numbering System for Additional Assembly Configurations

PRE-formance™ Catalog Numbering System for Additional Assembly Configurations:

Part number example
PF16TS 4D75C20DU TR V X X



Complete

The most complete turnkey solution for commercial construction projects – the ideal solution for commercial buildings with repetitive installations, such as hotels, condominiums, commercial and retail offices, hospitals and apartments.

PRE-formance Complete delivers:

- Total pre-fabricated branch wiring system custom produced with Eaton's Crouse-Hinds Series components, labeled, packaged by room and floor, delivered to your exact location
- Lower total cost of ownership
- Simplified material management, improved material handling and job site safety
- Flexibility to allow skill set allocation to match job requirements
- Elimination of job site material "piles" and inefficient searching for pieces and parts at the job site
- Elimination of job site "engineering"
- Reduction of overages and scrap, including expensive wire and cable
- 30% to 40% labor savings over traditional "stick-build" wiring methods for greatly improved job site efficiency



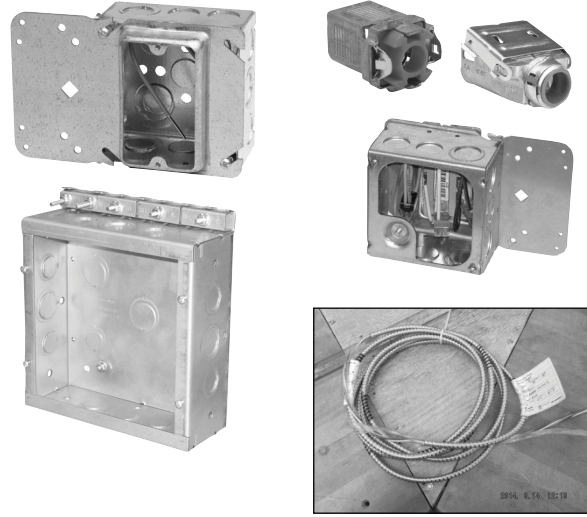
PRE-formance™

Complete

From customized take-off and proposal, through kick-off meetings, mock-ups and status meetings, the focus is on delivering the custom solution that will drive job site productivity and help make your job a better job – faster, easier, safer and more profitable.

Customized Solution Using Unique/Patented Products:

- Patented Uni-Mount™ combination mounting and device plate
- HomeRunner™ 8 x 8 or 12 x 12 box with patented clamping system; flush or surface mount cover available
- Quick-Lok™ Pro snap-in fittings listed for use with AC/MC, FMC or MCI-A
- Patented open back box with raised ground dimple; third party listed includes ground pigtail and back closure plate; allows access from either side of the box
- Customized home runs and labeling provides easy circuit identification during construction and for future maintenance requirements



Detailed Proposal:

- Includes complete transparency as to what is included and everything needed for project approval submittals

UNIT 5, TWO DOUBLE-TYPICAL

UNIT 5, TWO DOOR

UNIT 5, THREE DOUBLE-TYPICAL

UNIT 5, DOUBLE-TYPICAL

UNIT 5, SINGLE-TYPICAL

UNIT 5, SINGLE ACCESSIBLE-TYPICAL

Crouse-Hinds PRE-formance™ Complete

Hotel Example

Simple Description	33	2	1	3	10	15	72	40	180
Cables	2	2	3	4	5	2	2	2	458
GM	0	0	3	5	4	6	5	5	988
Box/Outlet	0	0	1	1	0	0	1	1	124
Outlet + Data	2	2	1	1	2	0	1	1	208
Out + Outlet + Data	0	0	1	1	2	1	1	1	103
Outlet + 1/2" Data	2	2	1	1	2	1	1	1	223
Outlet	1	1	0	1	0	1	1	1	160
Outlet/Panel	1	1	1	1	0	0	1	1	161
Panel	1	1	0	0	0	0	1	0	102
Switch	2	2	0	0	2	3	0	2	458
Panel	0	0	0	0	2	0	0	0	20
220V/Panel	1	1	1	1	3	0	1	1	161
Panel/Panel	1	1	1	1	3	0	1	1	161
Panel Light	0	2	0	1	2	0	1	1	205
Panel/Panel	2	2	1	1	2	0	1	1	160
Panel/Panel	2	0	1	2	8	4	8	8	951
Panel/Panel Box	3	1	1	2	13	72	40	40	195

UNIT SUMMARY	33	2	1	3	10	15	72	40	180
33-2	304	322	178	222	822	368	686	379	8328
33-2	38	58	87	87	118	29	116	38	1471
33-2	38	58	87	87	118	29	116	38	1471

Simple Description	Quantity	Catalog Description
Cables	458	8" open bracket w/ 4" square x 1 1/2" box w/ 3/4" stud ring and 20A conn. grade white tamper resistant receptacle (Decora Style)
GM	988	8" open bracket w/ 4" square x 1 1/2" box w/ 3/4" stud ring and 20A conn. grade white GP tamper resistant receptacle
Box/Outlet	124	8" open bracket w/ 4" square x 1 1/2" box w/ 3/4" stud ring and 20A conn. grade white tamper resistant outlet receptacle (Decora Style)
Outlet + Data	208	8" open bracket w/ 4" square x 1 1/2" box w/ 3/4" stud ring and 20A conn. grade white tamper resistant outlet receptacle and w/ 4" square x 1 1/2" box w/ 3/4" stud ring (Decora Style)
Out + Outlet + Data	223	8" multi-mount bracket w/ 4" square x 1 1/2" box w/ 3/4" stud ring and 20A conn. grade white tamper resistant outlet receptacle and w/ 4" square x 1 1/2" box w/ 3/4" stud ring (Decora Style)
Outlet	160	8" multi-mount bracket w/ 4" square x 1 1/2" box w/ 3/4" stud ring and 20A conn. grade white tamper resistant receptacle and w/ 22A square x 1 1/2" box w/ 3/4" stud ring (Decora Style)
Outlet/Panel	161	8" open bracket w/ 4" square x 1 1/2" box w/ 3/4" stud ring and 20A conn. grade white tamper resistant receptacle and 8" x 8" x 1 1/2" box w/ 3/4" stud ring (Decora Style)
Panel	102	8" open bracket w/ 4" square x 1 1/2" box w/ 3/4" stud ring and 20A conn. grade white single pole switch
Panel	20	8" double outlet bracket w/ 4" square x 1 1/2" box w/ 3/4" stud ring and 20A conn. grade white single pole switch
Panel	458	8" double outlet bracket w/ 4" square x 1 1/2" box w/ 3/4" stud ring and 20A conn. grade white single pole switch
Panel Light	205	8" double outlet bracket w/ 4" square x 1 1/2" box w/ 3/4" stud ring and 20A conn. grade white single pole switch (Decora Style)
Panel/Panel	160	8" open bracket w/ 4" square x 1 1/2" box w/ 3/4" stud ring and 20A conn. grade white tamper resistant outlet receptacle
Panel/Panel Box	195	8" x 8" HomeRunner Box, 8" H x 8" W x 1 1/2" D w/ RECC0006 Surface Mount Cover

Project Take-off Summary

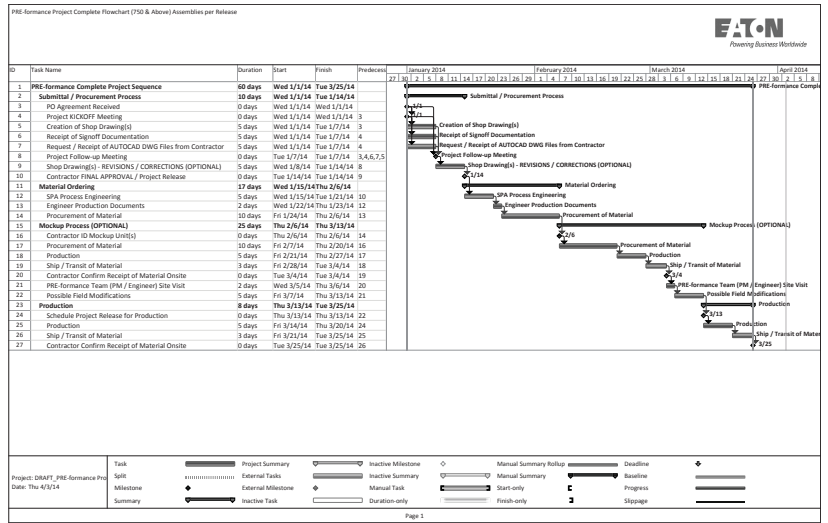
Quotation Take-off Drawings Provided with Device Highlights and Quantity

262 www.crouse-hinds.com US: 1-866-764-5454 CAN: 1-800-265-0502 Copyright © 2015 Commercial Products Catalog EATON CROUSE-HINDS SERIES

Complete

Dedicated Project Management:

- Dedicated factory project management and local sales support and expertise
- Customized project management includes:
 - Gantt charts
 - Secure shared project folders
 - Conference calls and site visits



Customized Packaging/Labeling:

- Customized packaging and labeling to simplify job site receiving and handling through job-specific cartons labeled by project floor, unit or area
- Ergonomically designed boxes help eliminate the need for special equipment and help reduce material handling risks



Complete

Customized Labels and Drawings:

- Customized labels and drawings improve job site layout and provide comprehensive point-to-point connection data for faster installation and elimination of “field engineering”



Project Close-out Meetings:

- Project close-out meetings to review punch list items (if any) and share lessons learned

PRE-formance™ Complete Features:

- Simple, easy to install, UL Listed solution ideal for commercial construction projects and improves job site efficiency
- Modeled by architects and designed by engineers to meet exact project requirements
- Dedicated factory project management and local sales expertise and support
- Product flexibility allows for adjustment on site, if required
- Re-allocates labor, eliminates scrap and material piles, reduces spot buying and consolidates material ordering and receiving
- Helps improve job performance and profitability

HomeRunner™ Boxes

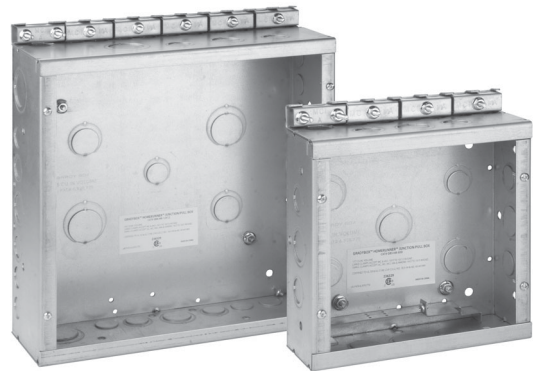
Commercial Construction Screw Cover Junction Box with Patented Clamps

Applications:

HomeRunner™ Junction Boxes are designed specifically for commercial construction applications to provide a spacious, flexible junction box for terminating home runs and other electrical wiring. Its patented clamping design and flexibility make it the most convenient, labor savings junction box available.

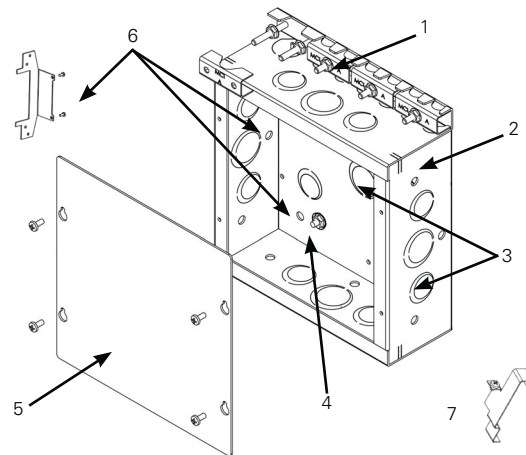
Features:

- Designed and approved for use with AC, MC, MCI-A, NM or EMT
- Patented clamping feature eliminates the need for field punching/drilling of knockouts and installation of connectors
- Standard surface or flush cover options – eliminates the need for custom covers
- Multiple mounting holes and knockouts for installation flexibility
- Optional stud bracket for direct mounting to steel or wood studs
- Kick stand far side support available with HR080803
- Available in two sizes to match customer requirements and preferences
- Third party certified for U.S. and Canada



Call-out Features:

1. Patented clamping system – provides maximum flexibility and maximum grip; third party certified for use with AC, MC, MCI-A or non-metallic sheathed cable
2. Welded steel construction – provides strong, dependable service and large cubic capacity for ease of wiring
3. Combination eccentric knockouts – on sides for quick and easy access, combination KOs in the back of the box are ideal for applications where joist spacing is too tight for side entry
4. Terminal cup washer and flanged nut – quick, easy service ground termination or attachment of grounding bus bar
5. Two cover options – square for surface mounted applications or oversized for flush mount applications
6. Extensive mounting flexibility – pre-drilled holes in side and back for direct mounting or for mounting bracket (purchased separately)
7. Far side support – screws on quickly and easily and is perforated which allows for adjustment in dual thickness, fire rated walls; shipped standard with 8" x 8" x 3" models



Certifications and Compliances:

- For U.S. and Canada: CSA File No. 248782
- Certified to UL50 and UL514B, and CSA C22.2 No. 18.3-04 & No. 40-M1989

Standard Materials:

- Enclosure and cover – pre-galvanized steel
- Hardware – zinc plated steel

Cat. #	Description	Dimensions	Knockouts	Wire Fill	Built-in Clamps	Cu. Vol.	Unit Qty.	Wt. Lbs. Per 100
HR080803	8" x 8" Box	8" H x 8" W x 3" D	(10) 1/2" and 3/4" eccentric, (7) 3/4" and 1" eccentric	(86) 14 AWG, (76) 12 AWG, (68) 10 AWG	(1) 10/3 to 10/12, (6) 14/2 to 10/3	177	5	400
HR121204	12" x 12" Box	12" H x 12" W x 4" D	(9) 1/2", (8) 1/2"-3/4" eccentric, (6) 3/4"-1" eccentric, (6) 1"-1 1/4" eccentric	(270) 14 AWG, (240) 12 AWG, (216) 10 AWG	(1) 10/3 to 10/12, (10) 14/2 to 10/3	544	5	800
HRC0808S	Surface Mount Cover	8" H x 8" W x 0.06" D	-	-	-	-	5	100
HRC0808F	Flush Mount Cover	9.38" H x 9.38" W x 0.06" D	-	-	-	-	5	160
HRC1212S	Surface Mount Cover	12" H x 12" W x 0.065" D	-	-	-	-	5	270
HRC1212F	Flush Mount Cover	13.38" H x 13.38" W x .065" D	-	-	-	-	5	230
HRSB1	Stud Bracket	-	-	-	-	-	20	35

Weatherproof Outlet Boxes

Features:

- Durable die cast aluminum construction for long product life
- Powder paint finish for corrosive environments
- Boxes supplied with required installation hardware
- Tapered NPT hubs

Standard Materials and Finishes:

- Boxes – die cast aluminum
- Self-closing covers – zinc die cast
- Toggle switch covers – stamped aluminum
- Blank covers – steel

Certifications and Compliances:

- UL Standard UL514A
- UL Listed File No. E-15022
- cUL Standard CSA C22.2 No 18.1-04
- Suitable for wet locations

SINGLE GANG – 18.0 CUBIC INCH CAPACITY – 2" DEEP CAST ALUMINUM – UL LISTED FOR WET LOCATIONS



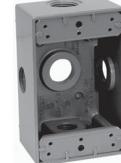
TP7010 - TP7018



TP7026, TP7034



TP7042, TP7050



TP7058, TP7066

Cat. #	Description	Outlet Holes	Color	Unit Qty.	Wt. Lbs. Per 100
TP7010	With Lugs	3 - 1/2"	Gray	50	58.3
TP7011	With Lugs	3 - 1/2"	White	50	58.3
TP7012	With Lugs	3 - 1/2"	Bronze	50	58.3
TP7018	With Lugs	3 - 3/4"	Gray	50	58.3
TP7026	With Lugs	4 - 1/2"	Gray	50	58.3
TP7034	With Lugs	4 - 3/4"	Gray	50	58.3
TP7042	With Lugs	5 - 1/2"	Gray	50	58.3
TP7050	With Lugs	5 - 3/4"	Gray	50	58.3
TP7058	Side Entry, with Lugs	5 - 1/2"	Gray	50	58.3
TP7066	Side Entry, with Lugs	5 - 3/4"	Gray	50	58.3

SINGLE GANG – 24.0 CUBIC INCH CAPACITY – 2 5/8" DEEP CAST ALUMINUM – UL LISTED FOR WET LOCATIONS



TP7074, TP7078, TP7082

Cat. #	Description	Outlet Holes	Color	Unit Qty.	Wt. Lbs. Per 100
TP7074	With Lugs	3 - 1/2"	Gray	25	80
TP7078	With Lugs	3 - 3/4"	Gray	25	80
TP7082	With Lugs	3 - 1"	Gray	25	80

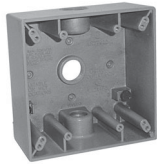
Weatherproof

Weatherproof Outlet Boxes

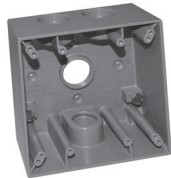
TWO GANG – 30.5 CUBIC INCH CAPACITY

2" DEEP

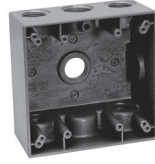
CAST ALUMINUM – UL LISTED FOR WET LOCATIONS



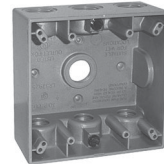
TP7086 - TP7090



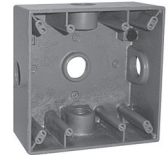
TP7094, TP7098



TP7102, TP7106



TP7110, TP7114



TP7118, TP7122

Cat. #	Description	Color	Unit Qty.	Wt. Lbs. Per 100
TP7086	3 - 1/2" Holes	Gray	10	83.3
TP7087	3 - 1/2" Holes	White	10	83.3
TP7088	3 - 1/2" Holes	Bronze	10	83.3
TP7090	3 - 3/4" Holes	Gray	10	83.3
TP7094	4 - 1/2" Holes	Gray	10	83.3
TP7098	4 - 3/4" Holes	Gray	10	83.3
TP7102	5 - 1/2" Holes	Gray	10	83.3
TP7106	5 - 3/4" Holes	Gray	10	83.3
TP7110	7 - 1/2" Holes	Gray	10	83.3
TP7114	7 - 3/4" Holes	Gray	10	83.3
TP7118	5 - 1/2" Holes	Gray	10	83.3
TP7122	5 - 3/4" Holes	Gray	10	83.3

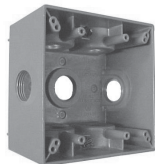
TWO & THREE GANG

2 5/8" DEEP

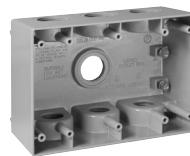
CAST ALUMINUM – UL LISTED FOR WET LOCATIONS



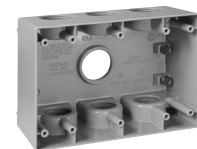
TP7126, TP7130, TP7134



TP7137, TP7138, TP7142



TP7143



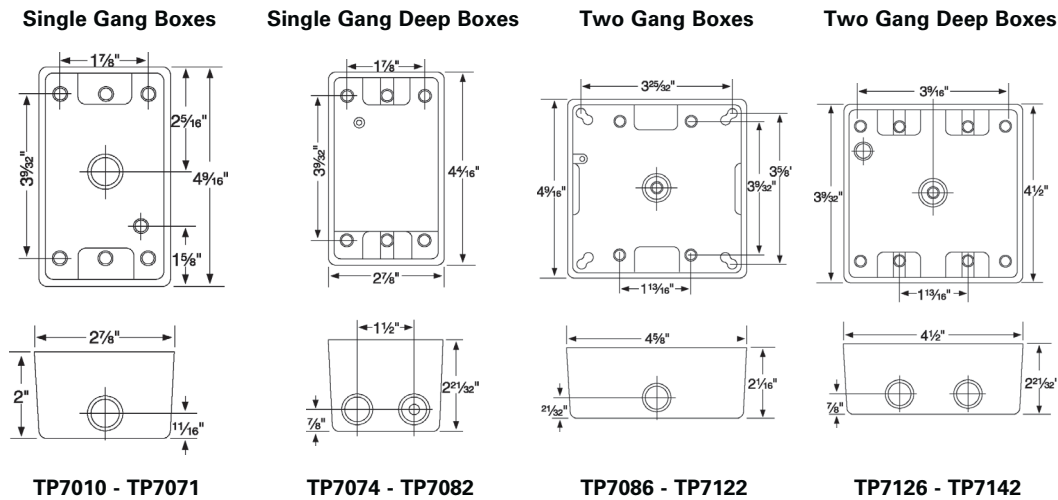
TP7144

Cat. #	Description	Color	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
Two Gang Deep Weatherproof Outlet Boxes					
TP7126	5 - 1/2" Holes	Gray	37	6	140
TP7130	5 - 3/4" Holes	Gray	37	6	140
TP7134	5 - 1" Holes	Gray	37	6	140
TP7137	7 - 1/2" Holes	Gray	37	6	140
TP7138	7 - 3/4" Holes	Gray	37	6	140
TP7142	7 - 1" Holes	Gray	37	6	140
Three Gang Deep Weatherproof Outlet Boxes					
TP7143	7 - 3/4" Holes	Gray	59	5	159
TP7144	7 - 1" Holes	Gray	59	5	159

Weatherproof

Weatherproof Outlet Boxes

Dimensions (in Inches):



ONE & TWO GANG WEATHERPROOF EXTENSIONS

1" DEEP, DIE CAST ALUMINUM EXTENSION RING
 GASKET & MOUNTING SCREWS INCLUDED WITH COVER
 UL LISTED FOR WET LOCATIONS



TP7120



TP7123

Cat. #	Description	Color	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
TP7120	Single Gang	Gray	9	25	27.2
TP7123	Two Gang	Gray	10	10	27.2

EXTENSION ADAPTER

DIE CAST ALUMINUM
 MOUNTING SCREW & GASKET INCLUDED WITH COVER
 UL LISTED FOR WET LOCATIONS



Cat. #	Description	Color	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
TP7173	4 - 1/2" Holes	Gray	9.5	25	23.6
TP7174	4 - 3/4" Holes	Gray	13.0	25	27.8

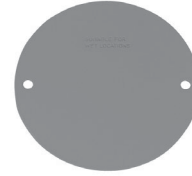
Weatherproof

Weatherproof Outlet Boxes

4" ROUND – 15.5 CUBIC INCH CAPACITY

1½" DEEP, DIE CAST ALUMINUM, UL LISTED FOR WET LOCATIONS

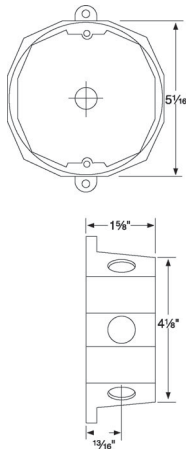
- GROUND SCREW PROVIDED WITH BOX
- GASKET & MOUNTING SCREWS INCLUDED WITH COVER



Cat. #	Side Holes	Back Hole	Color	Unit Qty.	Wt. Lbs. Per 100
TP7146	4 - ½"	½"	Gray	25	79.2
TP7148	4 - ½"	½"	White	25	79.2
TP7149	4 - ½"	½"	Bronze	25	79.2
TP7150	4 - ¾"	¾"	Gray	25	79.2
TP7158	Blank Cover Plate	-	Gray	50	20.8
With Blank Plate					
TP7147	4 - ½"	½"	Gray	24	100.0
TP7151	4 - ¾"	¾"	Gray	24	100.0
2" Deep Round Weatherproof Outlet Box Extension (18.3 Cubic Inch Capacity)					
TP7152	4 - ½"	-	Gray	25	58.3

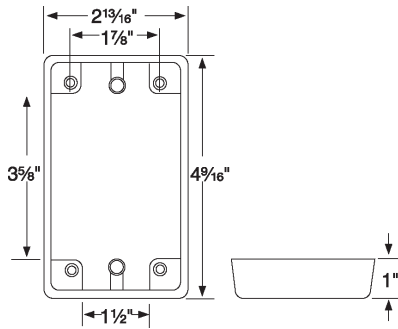
Dimensions (in Inches):

Round Boxes

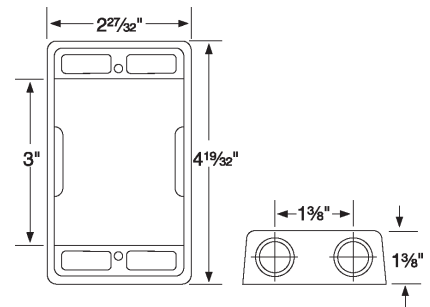


TP7146

Extension Rings & Flanged Boxes



TP7120



TP7120

Weatherproof

Weatherproof Outlet Covers

CLOSURE PLUGS*

Cat. #	Description	Color	Unit Qty.	Wt. Lbs. Per 100
TP7940	1/2"	Gray	100	1.5
TP7941	1/2"	White	100	1.5
TP7942	1/2"	Bronze	100	1.5
TP7944	3/4"	Gray	50	2.1
TP7948	1"	Gray	50	3.0



*CSA certified.

WEATHERPROOF MOUNTING HARDWARE KIT

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
WPMH1	Weatherproof Mounting Hardware	1	1.2



ONE GANG

DIE CAST ALUMINUM, SELF-CLOSING COVERS WITH GASKETS UL LISTED

Materials and Finishes:

- Self-closing covers – die cast aluminum, epoxy powder coated
- Gasket – polyethylene foam



TP7199



TP7200



TP7202



TP7206 - TP7209



TP7214



TP7218



TP7236 - TP7238



TP7240 - TP7242



TP7232



TP7233



TP7239

Cat. #	Description	Color	Unit Qty.	Wt. Lbs. Per 100
TP7199	One Gang Vertical Duplex Cover	Gray	50	61.1
TP7200	One Gang – Vertical Multi-use – For GFCI, Duplex or 1.38" Dia. Opening	Gray	24	20.0
TP7202	One Gang – For Single Receptacle or Switch – 1.45" Dia. Opening	Gray	25	42.0
TP7206	One Gang – For Duplex Receptacle or Combination Switch	Natural	50	38.0
TP7207	One Gang – For Duplex Receptacle or Combination Switch	Gray	50	38.0
TP7208	One Gang – For Duplex Receptacle or Combination Switch	White	50	38.0
TP7209	One Gang – For Horizontal Duplex Receptacle or Combination Switch	Bronze	50	38.0
TP7214	One Gang Vertical – For Single Receptacle or Switch 1.62" Dia. Opening	Gray	25	61.1
TP7218	One Gang – For 20, 30 and 50A Receptacles (2.125" Dia.)	Gray	25	55.6
TP7232	One Gang Stay Open – For Duplex Receptacles, Switches or Combination Devices, Non UL Listed	Natural	50	38.0
TP7233	One Gang Stay Open – For Horizontal Duplex Receptacles, Switches or Combination Devices, Non UL Listed	Gray	50	38.0
TP7236	One Gang – For Horizontal GFI Devices	Gray	25	42.0
TP7237	One Gang – For Horizontal GFI Devices	White	25	42.0
TP7238	One Gang – For Horizontal GFI Devices	Bronze	25	42.0
TP7239	One Gang – Horizontal Multi-use – For GFCI, Duplex or 1.38" Dia. Opening	Gray	24	20.0
TP7240	One Gang – For Vertical GFI Devices	Gray	25	54.0
TP7241	One Gang – For Vertical GFI Devices	White	25	54.0
TP7242	One Gang – For Vertical GFI Devices	Bronze	25	54.0

Weatherproof

Weatherproof Outlet Covers

TWO GANG

**DIE CAST ALUMINUM, SELF-CLOSING GFI COVERS WITH GASKETS
UL LISTED**



TP7220

TP7222

TP7224

TP7228

TP7244

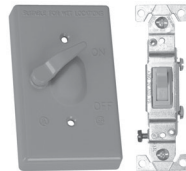
TP7248

TP7252

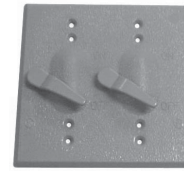
Cat. #	Description	Color	Unit Qty.	Wt. Lbs. Per 100
TP7220	Two Gang – For Two Single Receptacles and/or Switches	Gray	10	66.7
TP7222	Two Gang – Multi-use – For Two GFCI, Two Duplex or Two 1.38" Dia. Opening or Combination	Gray	8	30.0
TP7224	Two Gang – For One Single Receptacle (1.406" Dia.) or Switch and One Duplex Receptacle, Switch or Combination Device	Gray	10	62.0
TP7228	Two Gang – For Two Duplex Receptacles, Switches or Combination Device	Gray	10	61.1
TP7244	Two Gang – For Vertical GFI Devices and One Single Switch or Receptacle	Gray	10	61.1
TP7248	Two Gang – For One Vertical GFI Device and One Duplex Receptacle, Switch or Combination Device	Gray	10	61.1
TP7252	Two Gang – For Two GFI Devices	Gray	10	55.6

ONE & TWO GANG

**ALUMINUM, TOGGLE SWITCH COVERS WITH GASKETS STAMPED
UL LISTED**



TP7260
5/8" Thick



TP7268

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP7260	One Gang with 15A 125V Single Pole Switch	50	27.8
TP7268*	Two Gang	10	16.7
TP7272	Two Gang with 2 – 15A 125V Single Pole Switches	10	33.3
TP7276	Two Gang with 2 – 15A 125V Three Way Switches	10	33.3
TP7280	One Gang Extended Switch Cover – (for use with Standard Switch)	50	34.1

*For use with earless recessed switches.

Weatherproof

While-in-use Covers

FOR ONE & TWO GANG BOXES

POLYCARBONATE, "CONSTANT USE" DUPLEX/GFI COVER UL & CSA LISTED

Single gang covers have a patented design with movable hinges that reposition easily for vertical or horizontal mounting, with no tools required.

While-in-use Covers offer a rugged, versatile design that protects against various elements such as rain, snow and ice. They are available in gray and white; single gang, single gang deep and double gang to offer 98 different configurations. The single gang covers have a patented design with movable hinges that reposition easily for vertical or horizontal mounting, with no tools required. They are great for use with vending machines, holiday lighting, portable signs, outdoor lighting, outdoor hot tubs and more.

Features:

- Rugged, UV-resistant polycarbonate cover and back protects device inside from rain, sleet and snow without cracking or breaking and is non-corrosive and non-conductive
- Covers have a versatile product design with movable hinges that reposition for vertical/horizontal mounting, which reduces the number of SKUs
- Each cover includes a pre-mounted neoprene gasket on the back, ensuring the gasket cannot fall off or be improperly positioned during installation – assuring a weatherproof installation every time
- Available in one gang, self-closing cover, standard (3.25") and deep (4.75") depths
- Available in two gang, self-closing cover, standard (3.25") depth
- Meets and exceeds outdoor lighting requirements
- Lockable cover (with customer added locking device) adds security
- Available in both gray and white to meet customer preference
- Compatible with FS and FD boxes

Certifications and Compliances:

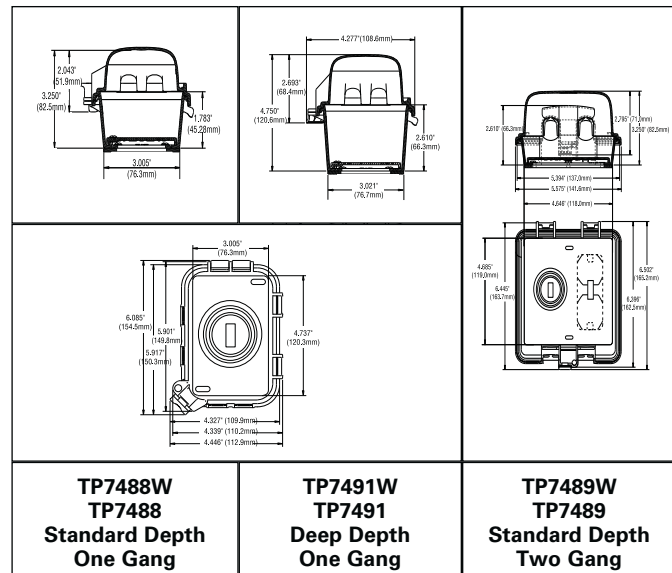
- UL and cUL Listed
- Meets NEMA 3R requirements

Standard Materials:

- Cover, back and hinges – polycarbonate
- Gasket – neoprene



Dimensions (in Inches):



Weatherproof

Cat. #	Description	No. of Configurations using Inserts & Movable Hinges	Color	Unit Qty.	Wt. Lbs. Per 100
TP7488	One Gang, 3.25" Standard Depth, Self-closing Cover, Horizontal/Vertical Mount	16	Gray	6	45
TP7491	One Gang, 4.75" Deep Depth, Self-closing Cover, Horizontal/Vertical Mount	16	Gray	3	48
TP7489	Two Gang, 3.25" Standard Depth, Self-closing Cover, Vertical Mount	66	Gray	4	77
TP7488W	One Gang, 3.25" Standard Depth, Self-closing Cover, Horizontal/Vertical Mount	16	White	6	45
TP7491W	One Gang, 4.75" Deep Depth, Self-closing Cover, Horizontal/Vertical Mount	16	White	3	48
TP7489W	Two Gang, 3.25" Standard Depth, Self-closing Cover, Vertical Mount	66	White	4	77

Extra Duty While-in-use Covers

FOR ONE & TWO GANG BOXES

ONE & TWO GANG SELF-CLOSING UL & cULus LISTED

Features:

- Meets NEC® 2014 406.9 (B)(1) extra duty requirement for any application
- Rugged UV-resistant polycarbonate cover and back protects devices without cracking or breaking and is non-corrosive
- Self-closing padlockable cover
- One gang box includes three inserts for eight different configurations
- Two gang box includes three inserts for over 60 different configurations
- Box inserts accommodate decorator and GFCI devices, duplex receptacles and a variety of single receptacle sizes and toggle switches
- Single receptacle sizes include:
 - One gang: 1½", 1⅜", 1⅝", 1¾", 2⅛"
 - Two gang: 1½", 1⅜", 1⅝", 1¾"
- Cover cord opening fits #12 AWG or lighter cord
- Excellent for food and beverage wash down environments where NEMA 3R is sufficient
- Box cover includes pre-mounted gasket

Certifications and Compliances:

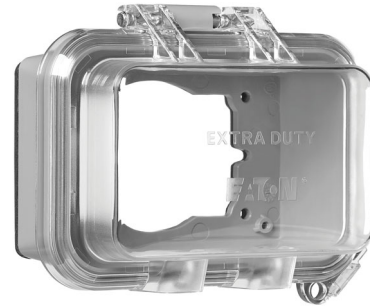
- cULus Listed to UL514D
- UL File No. E-102328
- NEMA 3R

Standard Materials:

- Clear cover, body and cover plates – polycarbonate
- Gasket – ethylene vinyl acetate (EVA)
- Hinge pin – stainless steel

Cat. #	Gang	Mounting Description	Color	Depth
TP7488XD	1	Horizontal	Gray	3¼"
TP7488XDW	1	Horizontal	White	3¼"
TP7487XD	1	Vertical	Gray	3¼"
TP7487XDW	1	Vertical	White	3¼"
TP7489XD	2	Horizontal/Vertical	Gray	3¼"
TP7489XDW	2	Horizontal/Vertical	White	3¼"

Color Information:



TP7488XD



TP7487XD



TP7489XD



Weatherproof

Weatherproof Outlet Covers

BLANK STEEL

WITH GASKETS

UL LISTED FOR WET LOCATIONS



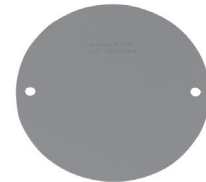
TP7292 - TP7294



TP7296 - TP7298



TP7295



TP7158 - TP7160

Cat. #	Description	Color	Unit Qty.	Wt. Lbs. Per 100
TP7292	One Gang	Gray	100	8.3
TP7293	One Gang	White	100	8.3
TP7294	One Gang	Bronze	100	8.3
TP7296	Two Gang	Gray	50	12.5
TP7297	Two Gang	White	50	12.5
TP7298	Two Gang	Bronze	50	12.5
TP7295	Three Gang	Gray	25	17.0
TP7158	4" Blank Round	Gray	50	21.0
TP7159	4" Blank Round	White	50	21.0
TP7160	4" Blank Round	Bronze	50	21.0

ROUND & RECTANGULAR

DIE CAST ALUMINUM, FOR USE WITH WEATHERPROOF LAMPHOLDERS

WITH GASKETS

UL LISTED FOR WET LOCATIONS



TP7300 - TP7302



TP7308 - TP7310



TP7312 - TP7314



TP7320 - TP7322

Cat. #	Description	No. of Outlet Holes	Color	Unit Qty.	Wt. Lbs. Per 100
TP7300	4" Round	1 - 1/2"	Gray	25	20.8
TP7301	4" Round	1 - 1/2"	White	25	20.8
TP7302	4" Round	1 - 1/2"	Bronze	25	20.8
TP7308*	4" Round	3 - 1/2"	Gray	25	33.3
TP7309*	4" Round	3 - 1/2"	White	25	33.3
TP7310*	4" Round	3 - 1/2"	Bronze	25	33.3
TP7312	Rectangular	1 - 1/2"	Gray	25	33.3
TP7313	Rectangular	1 - 1/2"	White	25	33.3
TP7314	Rectangular	1 - 1/2"	Bronze	25	33.3
TP7316	Rectangular	2 - 1/2"	Gray	25	33.3
TP7317	Rectangular	2 - 1/2"	White	25	33.3
TP7318	Rectangular	2 - 1/2"	Bronze	25	33.3
TP7320	Rectangular	3 - 1/2"	Gray	25	33.3
TP7321	Rectangular	3 - 1/2"	White	25	33.3
TP7322	Rectangular	3 - 1/2"	Bronze	25	33.3

* Comes with closure plug.

Weatherproof

Weatherproof Lampholders

LAMP HOLDERS & ACCESSORIES

DIE CAST ALUMINUM CONSTRUCTION, UP TO 150 WATTS, WITH LAMP GASKET, UL LISTED



TP7162 - TP7165



TP7166



TP7176

Cat. #	Description	Color	Unit Qty.	Wt. Lbs. Per 100
TP7162†	Universal Par Lampholder	Natural	36	47.2
TP7163†	Universal Par Lampholder	Gray	36	47.2
TP7164†	Universal Par Lampholder	White	36	47.2
TP7165†	Universal Par Lampholder	Bronze	36	47.2
TP7166†	Universal Par Lampholder with External Gasket	Gray	36	50.0
TP7170	External Gasket Only	-	100	3.0
TP7176	Clamp-on Guard	-	24	50.0

†Third party certified for use with CFL and LED lamps.

WEATHERPROOF LAMP HOLDERS & ACCESSORIES

DIE CAST ALUMINUM CONSTRUCTION, UP TO 150 WATTS, WITH LAMP GASKET, UL LISTED



TP7178



TP7186



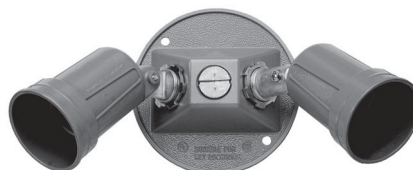
TP7188 (Aluminum)

Cat. #	Description	Color	Unit Qty.	Wt. Lbs. Per 100
TP7178†	Par Lampholder with Reflector	Gray	6	166.7
TP7186	Portable Par Lampholder with 6' Cord	Gray	12	100.0
TP7188	2 1/2" Outside Dia. Pole Fitter with 1/2" Male Thread	Gray	24	50.0

†Third party certified for use with CFL and LED lamps.

LAMP HOLDER COMBINATIONS

DIE CAST ALUMINUM CONSTRUCTION, WITH GASKETS, UL LISTED



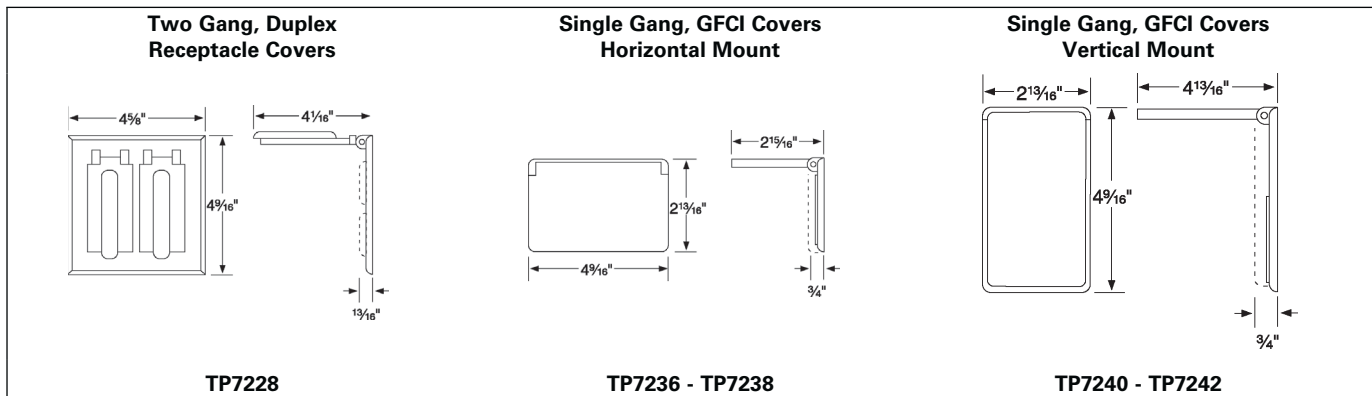
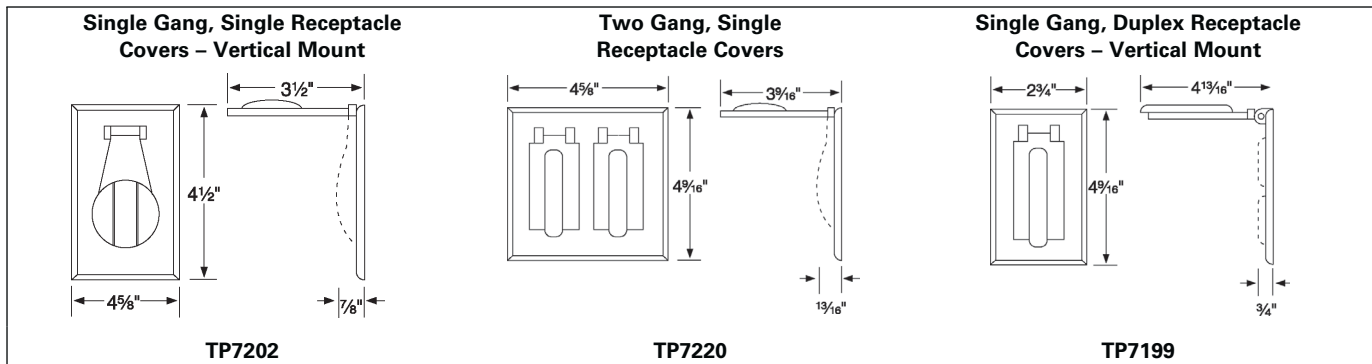
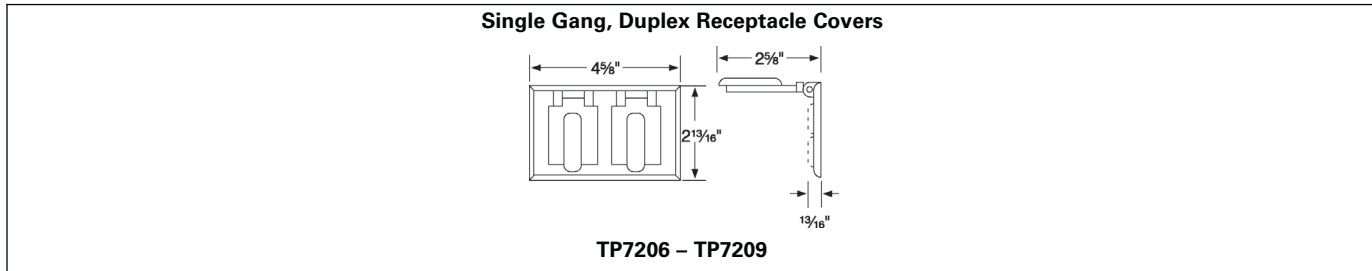
TP7330 - TP7332

Cat. #	Description	Color	Unit Qty.	Wt. Lbs. Per 100
TP7330†	Two Par Lampholders and 3-hole Round Cover	Gray	10	137.5
TP7331†	Two Par Lampholders and 3-hole Round Cover	White	10	137.5
TP7332†	Two Par Lampholders and 3-hole Round Cover	Bronze	10	137.5

†Third party certified for use with CFL and LED lamps.

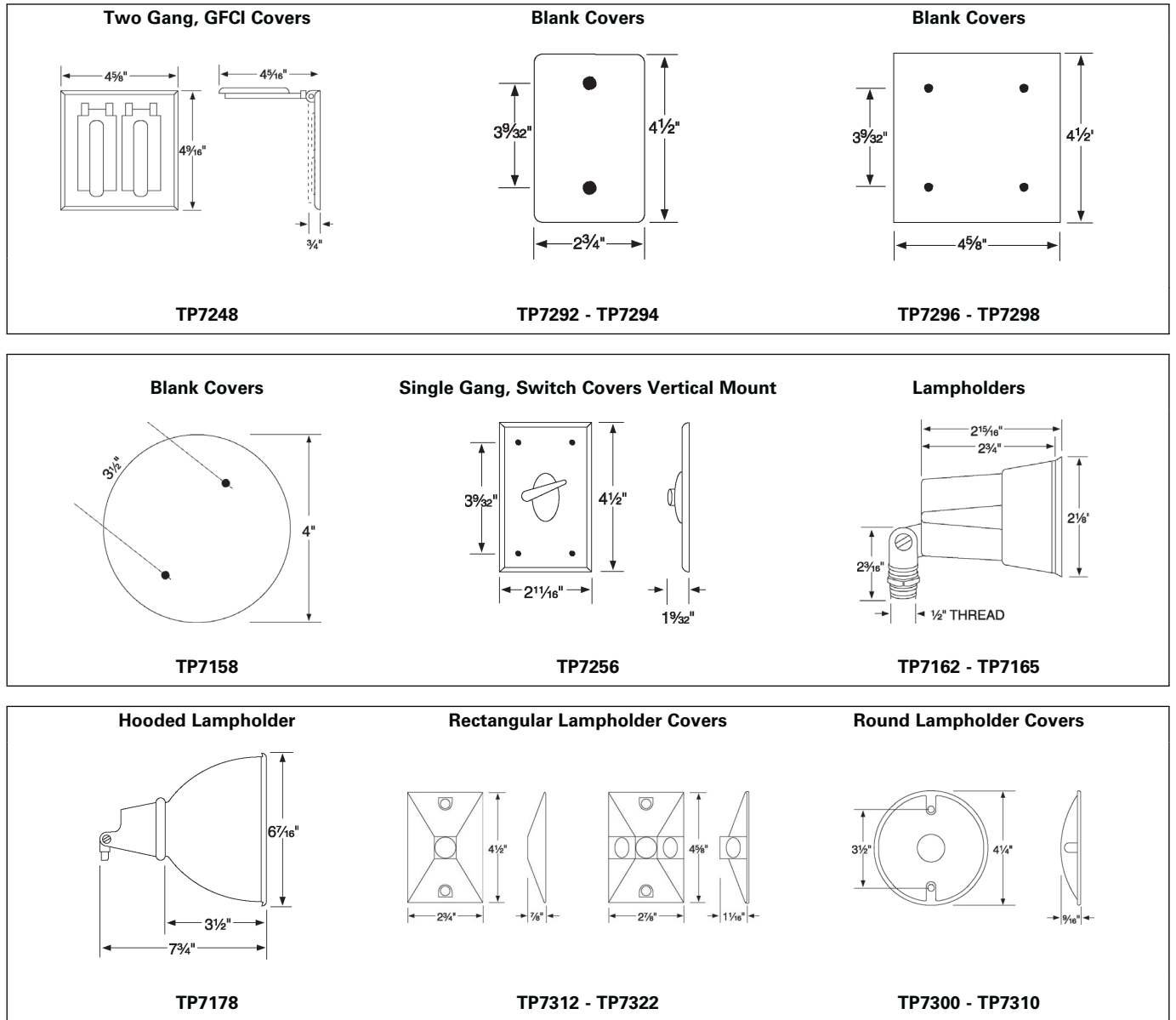
Weatherproof Outlet Covers

Dimensions (in Inches):



Weatherproof Outlet Covers

Dimensions (in Inches):



Weatherproof

Fixture Hangers

FLEXIBLE FIXTURE HANGERS

TPSFH and TPRFH Flexible Fixture Hangers are used in commercial or light industrial applications where HID high bay and low bay lighting fixtures are used. Specific applications include storage facilities, shipping warehouses, retail and DIY facilities.

Features:

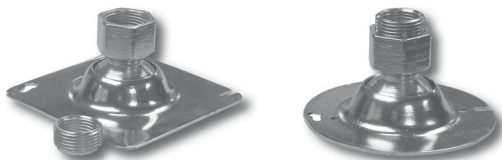
- Suitable for use with 1/2" or 3/4" fixture conduit stems, these hangers allow the conduit stem of the fixture (luminaire) to swing in any direction; maximum swing angle is 26° from vertical max. slope angles 22 1/2°
- Available in two styles: one for attachment to round or octagonal steel boxes; the other for attachment to 4" square steel boxes
- Both styles are quickly and easily attached by two screws
- Hangers are drilled and tapped for use with 3/4" conduit stem as standard and come supplied with a 3/4" – 1/2" reducer for 1/2" conduit stem applications

Certifications and Compliances:

- UL1598
- CSA C22.2 No. 250
- Suitable for damp locations

Standard Materials and Finishes:

- Material – sheet steel
- Finish – zinc chromate for corrosion resistance



Cat. #	Description	Support Wt. (Lbs.)
TPRFH12	For use with 4" Round or Octagon Boxes	50
TPSFH12	For use with 4" Square Boxes	50

SWIV-L-DROP™ CANOPY HANGERS

The Swiv-L-Drop Canopy Hanger utilizes a patented spring design to provide vibration and shock protection for pendant mounted fixtures in both horizontal and vertical directions. Designed to fit 3" or 4" outlet boxes, the Swiv-L-Drop is for use with 1/2" fixture conduit stems. The smooth, white canopy provides an aesthetically-pleasing appearance and installs quickly and easily without the use of tools.



Certifications and Compliances:

- UL1598
- Suitable for dry locations

Standard Materials and Finishes:

- Material – sheet steel
- Finish – canopy, painted white

Cat. #	Description	Support Wt. (Lbs.)
S 1 1/2 PAINTED	For use with 3" or 4" Outlet Boxes for use with 1/2" Conduit Stems; Painted	50*
S 1 1/2 UNPAINTED	For use with 3" or 4" Outlet Boxes for use with 1/2" Conduit Stems; Unpainted	50*
S 1 3/8 PAINTED	For use with 3/8" Conduit Stems; Painted	50*
S 1 3/8 UNPAINTED	For use with 3/8" Conduit Stems; Unpainted	50*

*65 lbs. rated with a minimum 12 inch stem if fully supported by other than an outlet box.

SWAY ADAPTERS

The Sway Adapter installs quickly and easily to pendant mounted fixtures and compensates for shocks and motion due to movements, vibration, earthquakes or other sources by allowing for lateral movement up to 45 degrees. The Sway Adapter can be used independently or in conjunction with the Swiv-L-Drop hanger. The Sway Adapter is also finished in an aesthetically-pleasing white painted finish and is designed for use with 1/2" conduit stems and has 3/8" male threads.



Certifications and Compliances:

- UL1598
- Suitable for dry locations

Standard Materials and Finishes:

- Material – sheet steel
- Finish – sway adapter, painted white

Cat. #	Description
SA 1W	For use with 1/2" Conduit Stem (Male Thread is 3/8")

Vaporproof Lighting

Features:

- Durable die cast housing and guard for long product life
- Powder paint finish for corrosive environments
- Available in pendant, box and wall mounts
- Fixtures may be purchased complete or as components
- Fixtures constructed of die cast aluminum; screw-on guards are zinc die cast
- Heat-resistant clear globe available on 100 watt series
- Wire guard available

Certifications and Compliances:

- UL1598
- UL Listed File No. E-15625
- cUL Standard CSA C22.2 No 250.0
- Suitable for wet locations
- 100W max. incandescent series is UL approved for 27W max. SBCFL (equivalent to 100W incandescent)
- 200W max. incandescent series is UL approved for 42W max. SBCFL (equivalent to 200W incandescent)

Clear glass is standard; colors are available; plastic (polycarbonate) globes, which are virtually unbreakable, are available in colors and are used as an alternative to glass globe/guard combinations (not recommended to exceed 60 watts).

VAPORPROOF FIXTURES – GASKETED, CORROSION-RESISTANT DIE CAST CONSTRUCTION, GLASS GLOBES, DIE CAST GUARDS, UL LISTED



TP7600,
TP7601

TP7800,
TP7801,
TP7860

TP7610,
TP7611,
TP7805

TP7620,
TP7621

TP7810,
TP7811

TP7630,
TP7815

TP7640

TP7820

TP7650,
TP7825

Cat. #	Description	Hole Size	Incandescent Watts	SBCFL Watts	Std. Unit Carton	Wt. Lbs. Per 100
4" Box Mounted						
TP7600*	Clear Globe, Cast Guard	1/2"	100	27	1	325.0
TP7601	Clear Globe, Cast Guard	3/4"	100	27	1	324.0
TP7800	Clear Globe, Wire Guard	1/2"	200	42	1	516.7
TP7801	Clear Globe, Wire Guard	3/4"	200	42	1	516.0
TP7860	Fluorescent Clear Globe, Wire Guard	1/2"	13	-	1	413.0
TP7610	Clear Globe	1/2"	100	27	1	258.3
TP7611	Clear Globe	3/4"	100	27	1	258.0
TP7805	Clear Globe	1/2"	200	42	1	283.3
Pendant Mount						
TP7620	Clear Globe, Cast Guard	1/2"	100	27	1	300.0
TP7621	Clear Globe, Cast Guard	3/4"	100	27	1	299.0
TP7810	Clear Globe, Wire Guard	1/2"	200	42	1	350.0
TP7811	Clear Globe, Wire Guard	3/4"	200	42	1	349.0
TP7630	Clear Globe	1/2"	100	27	1	208.4
TP7815	Clear Globe	1/2"	200	42	1	258.4
Surface Mount, Fits 3" & 4" Round Boxes						
TP7640	Clear Globe, Cast Guard	-	100	27	1	275.0
TP7820	Clear Globe, Wire Guard	-	200	42	1	333.3
TP7650	Clear Globe	-	100	27	1	216.7
TP7825	Clear Globe	-	200	42	1	180.0

*Suitable for base-up applications.

Vaporproof

Vaporproof Lighting



TP7670, TP7835



TP7845

Cat. #	Description	Incandescent Watts	SBCFL Watts	Std. Unit Carton	Wt. Lbs. Per 100
Right Angle Bracket Fixtures					
TP7660	Clear Globe, Cast Guard	100	27	1	300.0
TP7830	Clear Globe, Wire Guard	200	42	1	516.7
TP7670	Clear Globe	100	27	1	200.0
TP7835	Clear Globe	200	42	1	400.0
Box Mounted					
TP7680	Clear Globe, Cast Guard	100	27	1	350.0
TP7840	Clear Globe, Wire Guard	200	42	1	560.0
TP7845	Clear Globe	200	42	1	450.0

VAPORPROOF COMPONENTS



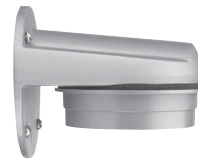
Pendant



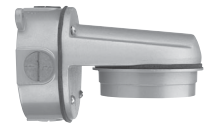
Ceiling Box Cap



Ceiling Box



Right Angle



Right Angle/Box

Cat. #	Description	Incandescent Watts	SBCFL Watts	Std. Unit Carton	Wt. Lbs. Per 100
Pendant Cap, Porcelain Socket, Gasket & Screws					
TP7496	Gray, 1/2"	100	27	10	18
TP7497	Gray, 3/4"	100	27	10	18
TP7498	Gray, 1/2"	200	42	10	10
TP7499	Gray, 3/4"	200	42	10	10
Ceiling Box Cap, Socket, Gasket & Screws					
TP7447	Gray	100	27	10	12
TP7479	Gray	200	42	10	12
Ceiling Mount Box with Gaskets, Porcelain Socket & Screws					
TP7450	Gray, 1/2"	100	27	10	19
TP7478	Gray, 3/4"	100	27	10	19
TP7451	Gray, 1/2"	200	42	10	19
TP7479	Gray, 3/4"	200	42	10	19
Right Angle Bracket, Gasket, Socket & Screws					
TP7445	Gray	100	27	10	21
TP7446	Gray	200	42	6	12
Right Angle Bracket, Attached Box, Gasket, Socket & Screws					
TP7440	Gray, 1/2"	100	27	1	3

Vaporproof

Vaporproof Lighting

VAPORPROOF FIXTURE ACCESSORIES



TP7460 - TP7466



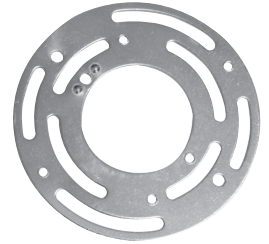
TP7468 - TP7472



TP7474, TP7475



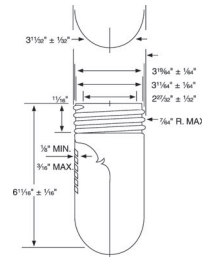
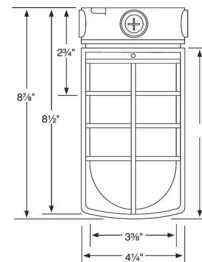
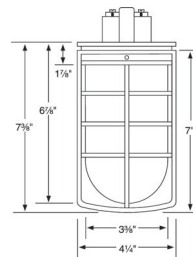
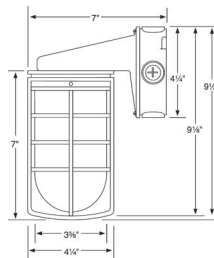
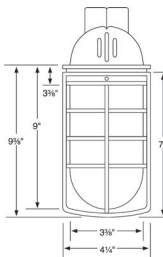
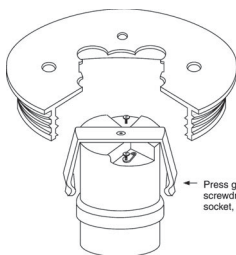
TP7476



TP7477

Cat. #	Description	Incandescent Watts	SBCFL Watts	Std. Unit Carton	Wt. Lbs. Per 100
TP7460	Glass Clear Globe, 130°F Max.	100	27	12	98.0
TP7462	Glass Amber Globe	100	27	12	120.0
TP7463	Glass Blue Globe	100	27	12	120.0
TP7464	Glass Green Globe	100	27	12	120.0
TP7466	Glass Clear Globe	200	42	6	200.0
TP7468	Lexan Clear Prismatic	75	-	12	58.4
TP7469	Lexan Blue Prismatic	60	-	12	58.4
TP7470	Lexan Red Prismatic	75	-	12	58.4
TP7471	Lexan Amber Prismatic	75	-	12	58.4
TP7472	Lexan White	75	-	12	58.4
TP7474	Bayonet Mount Die Cast Guard	100	27	12	108.4
TP7475	Wire Guard	200	42	6	183.4
TP7476	Clamp-on Wire Guard	100	27	12	62.5
TP7477	Adapter Plate	-	-	12	62.5

Dimensions (100 Watt):



Dimensions (200 Watt):

Cat. #	Length	Overall Width	Depth
TP7830	12 1/2"	5 1/2"	6 7/8"
TP7840	12 1/2"	5 1/2"	8"
TP7820	7 1/2"	4 1/2"	-
TP7810	11 1/2"	5 1/2"	-
TP7800	10 3/4"	5 1/2"	-

Photoelectric Lighting

PHOTOELECTRIC LIGHTING CONTROLS



TP7925



TP7927

Applications:

- Used for sunset activated automatic control of night lighting
- May be used to control outdoor lighting and signs

Features:

- Durable, weatherproof construction
- Built-in time delay prevents operation triggered by temporary light flashes

Cat. #	Description	Std. Unit Pkg.	Wt. Lbs. Per 100
TP7925	1200W Swivel Photocell, 120V	10	8.3
TP7927	300W Photocell, 120V	10	8.3

W-Series Junction Boxes

Application & Selection

Applications:

Junction boxes, designed for hazardous and non-hazardous locations, are used in a variety of industries to perform the following functions:

- As a pull box
- To provide enclosures for splices and taps
- As a mounting box for multi-device control stations
- For housing apparatus, instruments and other devices

Considerations for Selection:

- Environmental location – the physical location of the junction box will call for proper construction of the box to meet National Electrical Code requirements and will affect the material and finish needed to meet weather and corrosive conditions, if present.
- Number and size of conductors – combined with the function to be performed (i.e. splicing, pull box), determines the amount of space needed, and therefore, the required physical dimensions of the box.
- Conduit layout – determines the number, size and location of the conduit openings in the box. It will also determine the type of mounting required (i.e. flush or surface positioning of the box).
- Flexibility required – if changes in the electrical system are anticipated, the box chosen should be easily adaptable, either by construction or size to the future system.

Options and Accessories:

A wide variety of options and accessories for special application are available for the various junction box families. These can be selected once the type of junction box has been determined. These options are shown on the individual pages. Some of the options available include:

- Special covers
- Hinged covers
- Materials and finishes
- Equipment mounting plates
- Conduit or device openings
- *Corro-free*™ epoxy powder coat – information available upon request

Quick Selector Chart:

Junction Box	Environmental Capability/ Type Designation	Size Range† L, W, D Inside	Max. Conduit Opening Size	Mtg.	Cover Type	Cover Material
WAB	Raintight/Type 3, 4 Dusttight/Type 12	4 x 4 x 2 to 8 x 8 x 6	4	Surface	Unflanged	Steel
WJB	Raintight/Type 3 Watertight/Type 4	4 x 4 x 4 to 36 x 24 x 24	6	Surface	Flanged	Steel
WJBF	Raintight/Type 3 Watertight/Type 4	4 x 4 x 4 to 36 x 24 x 24	6	Flush	External Flanged Recessed Sidewalk	Steel (Checkered)

†Length and width are inside dimensions. Depth is inside dimension without cover.

Drilled & Tapped Conduit Openings or Slip Holes:

All W-Series Cast Iron Junction Boxes may be ordered with drilled and tapped conduit openings or slip holes – subject to minimum spacing limitations.

To order a box from the factory with conduit openings, consult factory.

WJBF Checkered Cover Sidewalk Junction Boxes

Heavy Duty

External Flanged for Flush Mounting

Applications:

WJBF Junction Boxes are primarily designed for surface mounting. These heavy duty boxes are installed in conduit systems to:

- Act as pull box for conductors
- Provide openings and space for making splices and taps in conductors
- Provide for branch conduit runs
- Provide access to conductors for maintenance and future system changes
- Enclose and protect electrical equipment

Features:

- Covers are suitable for vehicular traffic (H20 loading)
- Neoprene gasket cemented to cover
- Wide range of drilled and tapped conduit entrance sizes and locations permits extreme flexibility of use in conduit system
- Internal equipment mounting pads may be drilled and tapped for 1/4" - 20 mounting screws
- Blind tapped into internal mounting pads
- Mounting straps are standard on smaller sized boxes up to 8" x 8" x 6"; for larger sizes, consult factory

Certifications and Compliances:

- Weatherproof
- Watertight
- NEMA 3, 4, 5
- NEMA 250
- CECS:
 - Class II, Division 1, Groups E, F, G
 - Class III
- Encl. 3, 4, 5
- H20 Vehicle Load Rating*

*Self-certify to H20 vehicle load rating equivalent to 16,000 lbs. on cover center.
tCUL certified for sizes up to 8" x 8" x 6".

Standard Materials:

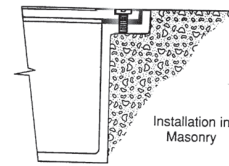
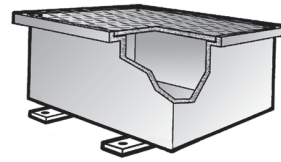
- Body – iron alloy
- Cover and mounting straps – heavy gauge steel (checkered)
- Gaskets – neoprene
- Cover screws – stainless steel

Standard Finish:

- Iron alloy and heavy gauge steel – hot dip galvanized

Options:

- | Description | Suffix |
|--|------------------------|
| • Factory installed mounting plate | MP |
| • Drilled and tapped conduit holes and slip holes..... | Consult Factory |



Cat. #	Wall Thickness (In.)	Length (In.)	Width (In.)	Depth (In.)
WJBF040404	1/4	4	4	4
WJBF060404	1/4	6	4	4
WJBF060604	1/4	6	6	4
WJBF060606	1/4	6	6	6
WJBF080604	1/4	8	6	4
WJBF080804	1/4	8	8	4
WJBF080806	1/4	8	8	6
WJBF080808	1/4	8	8	8
WJBF100806	1/4	10	8	6
WJBF101008	1/4	10	10	8
WJBF120806	1/4	12	8	6
WJBF120808	1/4	12	8	8
WJBF121206	1/4	12	12	6
WJBF121208	1/4	12	12	8
WJBF121212	5/16	12	12	12
WJBF140806	1/4	14	8	6
WJBF141410	5/16	14	14	10
WJBF161206	1/4	16	12	6
WJBF161208	1/4	16	12	8
WJBF161606	1/4	16	16	6
WJBF180806	1/4	18	8	6
WJBF180808	1/4	18	8	8
WJBF181006	5/16	18	10	6
WJBF181206	5/16	18	12	6
WJBF181208	5/16	18	12	8
WJBF181210	3/8	18	12	10
WJBF241208	3/8	24	12	8
WJBF241212	3/8	24	12	12
WJBF241808	3/8	24	18	8
WJBF242412	3/8	24	24	12
WJBF242418	3/8	24	24	18
WJBF242424	3/8	24	24	24
WJBF362418	3/8	36	24	18
WJBF362424	3/8	36	24	24

WJB Junction Boxes

Heavy Duty Flanged for Surface Mounting

Applications:

WJB Junction Boxes are primarily designed for surface mounting. These heavy duty boxes are installed in conduit systems to:

- Act as pull box for conductors
- Provide openings and space for making splices and taps in conductors
- Provide for branch conduit runs
- Provide access to conductors for maintenance and future system changes
- Enclose and protect electrical equipment

Features:

- Covers are suitable for vehicular traffic (H20 loading)
- Neoprene cover gasket
- Wide range of drilled and tapped conduit entrance sizes and locations permits extreme flexibility of use in conduit system
- Internal equipment mounting pads may be drilled and tapped for 1/4" - 20 mounting screws
- Blind tapped into internal mounting pads
- Mounting straps are standard on smaller sized boxes up to 8" x 8" x 6"; for larger sizes, consult factory

Certifications and Compliances:

- Weatherproof
- Watertight
- NEMA 3, 4, 5
- NEMA 250
- CEC†:
Class II, Groups E, F, G
Class III
Encl. 3, 4, 5

†cUL certified for sizes up to 8" x 8" x 6".

Standard Materials:

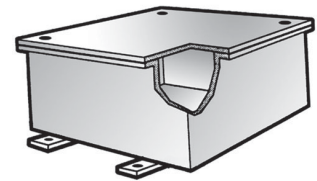
- Body – iron alloy
- Cover and mounting straps – heavy gauge steel
- Gaskets – neoprene
- Cover screws – stainless steel

Standard Finish:

- Iron alloy and heavy gauge steel – hot dip galvanized

Options:

- | Description | Suffix |
|--|------------------------|
| • Factory installed mounting plate | MP |
| • Drilled and tapped conduit holes and slip holes..... | Consult Factory |



Cat. #	Wall Thickness (In.)	Length (In.)	Width (In.)	Depth (In.)
WJB040404	1/4	4	4	4
WJB060404	1/4	6	4	4
WJB060604	1/4	6	6	4
WJB060606	1/4	6	6	6
WJB080604	1/4	8	6	4
WJB080804	1/4	8	8	4
WJB080806	1/4	8	8	6
WJB080808	1/4	8	8	8
WJB100806	1/4	10	8	6
WJB101008	1/4	10	10	8
WJB120806	1/4	12	8	6
WJB120808	1/4	12	8	8
WJB121206	5/16	12	12	6
WJB121208	5/16	12	12	8
WJB121212	5/16	12	12	12
WJB140806	5/16	14	8	6
WJB141410	5/16	14	14	10
WJB161206	5/16	16	12	6
WJB161208	5/16	16	12	8
WJB161606	5/16	16	16	6
WJB180806	5/16	18	8	6
WJB180808	5/16	18	8	8
WJB181006	5/16	18	10	6
WJB181206	5/16	18	12	6
WJB181208	5/16	18	12	8
WJB181210	5/16	18	12	10
WJB241208	3/8	24	12	8
WJB241212	3/8	24	12	12
WJB241808	3/8	24	18	8
WJB242412	3/16	24	24	12
WJB242418	3/16	24	24	18
WJB242424	3/16	24	24	24
WJB362418	3/16	36	24	18
WJB362424	3/16	36	24	24

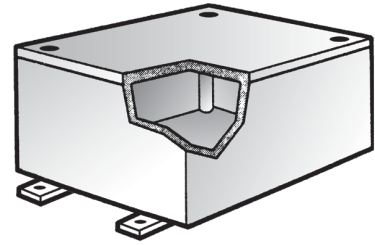
WAB Junction Boxes

Heavy Duty Unflanged for Surface Mounting

Applications:

Where a heavy duty dustproof, weatherproof enclosure is desired, WAB Junction Boxes are installed in conduit systems to:

- Act as pull box for conductors
- Provide openings and space for making splices and taps in conductors
- Provide for branch conduit runs
- Provide access to conductors for maintenance and future system changes
- Enclose and protect electrical devices



Features:

- Flat neoprene cover gasket
- Wide range of drilled and tapped and slip hole conduit entrance sizes and locations permits extreme flexibility of use in conduit system
- Internal equipment mounting pads available blind tapped for 1/4" - 20 mounting screws
- Blind tapped into internal mounting pads
- Mounting straps are standard on smaller sized boxes up to 8" x 8" x 6"; for larger sizes, consult factory

Cat. #	Wall Thickness (In.)	Length (In.)	Width (In.)	Depth (In.)
WAB040402	5/32	4	4	2
WAB040403	3/16	4	4	3
WAB040404	1/4	4	4	4
WAB060604	3/16	6	6	4
WAB060606	9/32	6	6	6
WAB080606	5/16	8	6	6
WAB080804	5/16	8	8	4
WAB080806	5/16	8	8	6

Certifications and Compliances:

- Dusttight
- Weatherproof
- NEMA 3, 4, 12
- NEMA 250

Standard Materials:

- Body – iron alloy
- Cover – heavy gauge steel
- Gaskets – neoprene
- Cover screws – stainless steel
- Mounting straps – steel

Standard Finish:

- Iron alloy and heavy gauge steel – hot dip galvanized

Options:

- | Description | Suffix |
|--|------------------------|
| • Factory installed mounting plate | MP |
| • Drilled and tapped conduit holes and slip holes..... | Consult Factory |

W-Series Junction Boxes

Drilling & Tapping Information

DRILLED & TAPPED CONDUIT OPENINGS OR SLIP HOLES

All W-Series Cast Iron Junction Boxes may be ordered with drilled and tapped conduit openings or slip holes – subject to minimum spacing limitations listed in Table 1.

To order a box from the factory with conduit openings:

Option 1:

Send in a sketch of the box with openings specified (subject to spacing limitations specified in Table 1) **OR**

Option 2:

Step 1: Select one of the four standard arrangements in Table 2, based on number and location of conduit entries.

Step 2: Pick a symbol from Table 3 for each opening in the arrangement (see example).

Step 3: Table 4 lists the maximum size and number of conduit openings by box size and the spacing dimensions. Use Table 4 to verify the openings selected are permitted.

Example – Catalog Number Logic:

- Select box required: WJB121208.
- User wants one 1/2" drilled and tapped hole in the top of the box, two 1" drilled and tapped holes on both sides and three 1/2" slip holes in the bottom of the box.
- Select arrangement 3 because it allows up to three openings per side.
- Next, the symbols for the openings are substituted and written in clockwise order starting with location "a". The catalog number is written in three parts: part 1 – box number, part 2 – arrangement number, part 3 – symbols for the conduit openings.
- For this example, the box would be ordered as:

WJB121208-3-0A0 C0C 1A1A1A C0C

Box Cat. #	Arrangement #	Symbols for Openings
---------------	---------------	-------------------------

Table 1

Minimum spacing between centers of conduits

Conduit Size	6"	5"	4"	3 3/8"	3"	2 1/2"	2"	1 1/2"	1 1/4"	1"	3/4"	1/2"
1/2"	5	4 3/8	3 5/8	3 3/8	3	2 5/8	2 3/8	2	1 7/8	1 3/4	1 5/8	1 1/2
3/8"	5 1/8	4 1/2	3 3/4	3 1/2	3 1/8	2 3/4	2 1/2	2 1/8	2	1 7/8	1 3/4	
1"	5 1/4	4 5/8	4	3 5/8	3 1/4	3	2 5/8	2 3/8	2 1/4	2		
1 1/4"	5 1/2	4 7/8	4 1/8	3 7/8	3 1/2	3 1/8	2 7/8	2 1/2	2 3/8			
1 1/2"	5 5/8	5	4 1/4	4	3 5/8	3 1/4	3	2 5/8				
2"	6	5 3/8	4 5/8	4 1/4	3 7/8	3 3/8	3 1/4					
2 1/2"	6 1/4	5 5/8	4 7/8	4 5/8	4 1/4	3 7/8						
3"	6 5/8	6	5 3/8	5	4 5/8							
3 1/2"	7	6 1/4	5 5/8	5 1/4								
4"	7 1/4	6 5/8	5 7/8									
5"	8	7 1/4										
6"	8 5/8											

Table 2

Standard conduit arrangements

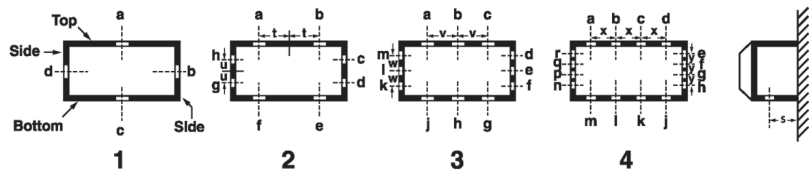
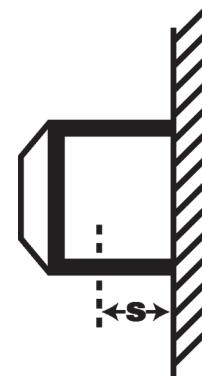


Table 3

Symbols for openings

Conduit Size	Drilled & Tapped Hole	Slip Hole
1/2"	A	1A
3/8"	B	1B
1"	C	1C
1 1/4"	E	1E
1 1/2"	F	1F
2"	G	1G
2 1/2"	H	1H
3"	J	1J
3 1/2"	K	1K
4"	L	1L
5"	M	1M
6"	N	1N
None	0 (Zero)	0 (Zero)



S = Dimension from Wall to Hole Center Line

W-Series Junction Boxes

Drilling & Tapping Information

DRILLED & TAPPED CONDUIT OPENINGS OR SLIP HOLES

Table 4

W-Series Cat. #	Maximum Size and Number of Drilled and Tapped Conduit Openings															
	Top and Bottom†				Sides				Spacing Dimensions*							
	1	2	3	4	1	2	3	4	s	t	u	v	w	x	y	
040402	3/4	3/4	-	-	3/4	3/4	-	-	1 1/4	7/8	7/8	-	-	-	-	
040403	1 1/4	3/4	-	-	1 1/4	3/4	-	-	1 5/8	7/8	7/8	-	-	-	-	
040404	2	3/4	-	-	2	3/4	-	-	2 1/4	7/8	7/8	-	-	-	-	
050503	1 1/4	3/4	-	-	1 1/4	3/4	-	-	1 5/8	1 1/4	1 1/4	-	-	-	-	
050504	2	1	-	-	2	1	-	-	2 1/4	1 1/4	1 1/4	-	-	-	-	
060403	1 1/4	3/4	3/4	-	1 1/4	3/4	-	-	1 5/8	1 3/8	7/8	1 3/4	-	-	-	
060404	2	1 1/2	3/4	-	2	3/4	-	-	2 1/4	1 3/8	7/8	1 3/4	-	-	-	
060603	1 1/4	1 1/4	3/4	-	1 1/4	1 1/4	3/4	-	1 1/4	1 3/8	1 3/8	1 3/4	1 3/4	-	-	
060604	2	1 1/2	3/4	-	2	1 1/2	3/4	-	2 1/4	1 3/8	1 3/8	1 3/4	1 3/4	-	-	
060606	4	1 1/2	3/4	-	4	1 1/2	3/4	-	3 3/8	1 3/8	1 3/8	1 3/4	1 3/4	-	-	
080403	1 1/4	1 1/4	1	3/4	1 1/4	3/4	-	-	1 5/8	1 5/8	7/8	2 1/2	-	-	-	
080604	2	2	1	3/4	2	1 1/2	3/4	-	2 1/4	1 5/8	1 3/8	2 1/2	1 3/4	1 3/4	-	
080606	4	2	1	3/4	4	1 1/2	3/4	-	3 3/8	1 5/8	1 3/8	2 1/2	1 3/4	1 3/4	-	
080804	2	2	1	3/4	2	2	1	3/4	2 1/4	1 5/8	1 5/8	2 1/2	2 1/2	1 3/4	1 3/4	
080806	4	2	1	3/4	4	2	1	3/4	3 3/8	1 5/8	1 5/8	2 1/2	2 1/2	1 3/4	1 3/4	
080808	4	2	1	3/4	4	2	1	3/4	4 1/4	1 5/8	1 5/8	2 1/2	2 1/2	1 3/4	1 3/4	
090604	2	1 1/4	1 1/2	1	2	1 1/2	3/4	-	2 1/4	2 1/4	1 3/8	3	1 3/4	2	-	
100604	2	2	1 1/2	1	2	1 1/2	3/4	-	2 1/4	2 1/2	1 3/8	2 3/4	1 3/4	2 1/2	-	
100804	2	2	1 1/2	1	2	2	1	3/4	2 1/4	2 1/2	1 5/8	2 3/4	2 1/2	2 1/2	1 3/4	
100806	4	3	1 1/2	1	4	2	1	3/4	3 3/8	2 1/2	1 5/8	2 3/4	1 3/4	2 1/2	1 3/4	
100808	5	3	1 1/2	1	5	2	1	3/4	4 1/2	2 1/2	1 5/8	2 3/4	2 1/2	2 1/2	1 3/4	
101006	4	3	1 1/2	1	4	3	1 1/2	1	2 3/8	2 1/2	2 1/2	2 3/4	2 3/4	2 1/2	2 1/2	
101008	5	3	1 1/2	1	5	3	1 1/2	1	4 1/4	2 1/2	2 1/2	2 3/4	2 3/4	2 1/2	2 1/2	
120604	2	2	2	1 1/2	2	1 1/2	3/4	-	2 1/4	3	1 3/8	4	1 3/4	2 3/4	-	
120606	4	4	2 1/2	1 1/2	4	1 1/2	3/4	-	3 3/8	3	1 3/8	4	1 3/4	2 3/4	-	
120806	4	4	2 1/2	2 1/2	4	2	1	3/4	3 3/8	3	1 5/8	4	2 1/2	2 3/4	1 3/4	
120808	5	4	2 1/2	2 1/2	5	2	1	3/4	4 1/4	3	1 5/8	4	2 1/2	2 3/4	1 1/4	
121204	2	2	2	1 1/2	2	2	2	1 1/2	2 1/4	3	3	4	4	2 3/4	2 3/4	
121206	4	4	2 1/2	1 1/2	4	4	2 1/2	1 1/2	3 3/8	3	3	4	4	2 3/4	2 3/4	
121208	5	4	2 1/2	1 1/2	5	4	2 1/2	1 1/2	4 1/4	3	3	4	4	2 3/4	2 3/4	
121212	6	4	2 1/2	1 1/2	6	4	2 1/2	1 1/2	5	3	3	4	4	2 3/4	2 3/4	
121218	6	4	2 1/2	1 1/2	6	4	2 1/2	1 1/2	5	3	3	4	4	2 3/4	2 3/4	
140806	4	4	3	2	4	2	1	3/4	3 3/8	3 1/2	1 5/8	4 1/2	2 1/2	3 1/2	1 3/4	
141206	4	4	3	2	4	4	2 1/2	1 1/2	3 3/8	3 1/2	3	4 1/2	4	3 1/2	2 3/4	
141410	6	4	3	2	6	4	3	2	5	3 1/2	3 1/2	4 1/2	4 1/2	3 1/2	3 1/2	
160606	4	4	3 1/2	2 1/2	4	1 1/2	3/4	-	3 3/8	4	1 1/2	5 3/8	2	4	-	
160806	4	4	3 1/2	2 1/2	4	2 1/2	1 1/2	3/4	3 3/8	4	2	5 3/8	2 3/8	4	2	
161206	4	4	3 1/2	2 1/2	4	4	2 1/2	1 1/2	3 3/8	4	3	5 3/8	4	4	3	
161208	5	5	3 1/2	2 1/2	5	4	2 1/2	1 1/2	4 1/4	4	3	5 3/8	4	4	3	
161606	4	4	3 1/2	2 1/2	4	4	3 1/2	2 1/2	3 3/8	4	4	5 3/8	5 3/8	4	4	
180806	4	4	4	2 1/2	4	2 1/2	1 1/4	3/4	3 3/8	4 1/2	2	6	2 5/8	4 1/2	2	
180808	5	5	4	2 1/2	5	2 1/2	1 1/4	3/4	4 1/4	4 1/2	2	6	2 5/8	4 1/2	2	
181206	4	4	4	2 1/2	4	4	2 1/2	1 1/2	3 3/8	6 1/2	2 1/8	5 1/2	3 3/8	4	2 3/4	
181208	5	5	4	2 1/2	5	4	2 1/2	1 1/2	4 1/4	4 1/2	3	5 1/2	4	4	2 3/4	
181210	6	5	4	2 1/2	6	4	2 1/2	1 1/2	5	4 1/4	3	5 1/2	4	4	2 3/4	

*Spacing dimensions apply to drilled and tapped holes. Space has been provided for a locknut and bushing when drilled and tapped holes are required.
 †Top and bottom are the longer dimensions on enclosures which are not square.

W-Series Junction Boxes

Drilling & Tapping Information

DRILLED & TAPPED CONDUIT OPENINGS OR SLIP HOLES

Table 4 (continued)

W-Series Cat. #	Maximum Size and Number of Drilled and Tapped Conduit Openings														
	Top and Bottom†				Sides				Spacing Dimensions*						
	1	2	3	4	1	2	3	4	s	t	u	v	w	x	y
181212	6	5	4	2½	6	4	2½	1½	5	4½	3	5½	4	4	2¼
181218	6	5	4	2½	6	4	2½	1½	5	4½	3	5½	4	4	2¾
181806	4	4	4	2½	5	5	4	2½	3¾	4½	4	6	5¾	4½	4
181808	5	5	4	2½	5	5	3½	2½	4¼	4½	4	6	5¾	4½	4
181812	6	6	4	2½	6	6	4	2½	5	4½	4½	6	6	4½	4½
240606	4	4	4	4	4	1½	¾	-	3¾	6¾	1¾	8	1¾	6	-
240808	5	5	5	4	5	2½	1¼	¾	4¼	6¾	4½	8	2¾	6	2
241010	6	6	5	4	6	3	1½	1	5	6½	2½	7	2¾	5¾	2½
241208	5	5	5	4	5	4	2½	1½	4¼	6½	2¾	7	3¾	5¾	2¾
241210	6	6	5	4	6	4	2½	1½	5	6½	3	7	4	5¾	2¾
241212	6	6	5	4	6	4	2½	1½	5	6½	2¾	7	3¾	5¾	2¾
241808	5	5	5	4	5	5	4	2½	4¼	6½	4½	7	5¾	5¾	4
241810	6	6	5	4	6	6	4	2½	5	6½	4½	7	5¾	5¾	4
241812	6	6	5	4	6	5	4	2½	5	6½	4½	7	5¾	5¾	4
242408	5	5	5	4	5	5	5	4	4¼	6½	6½	7	7½	5¾	5¾
242412	6	6	5	4	6	6	5	4	5	6½	6½	7	7½	5¾	5¾
242424	6	6	5	4	6	6	5	4	6½	6¾	6½	7	7½	5¾	5¾
302412	6	6	6	5	6	6	5	4	5	7½	6¾	10	8	7½	6
361212	6	6	6	6	6	4	2½	1½	5	8¾	3	12	4	9	2¾
361812	6	6	6	6	6	5	4	2½	5	8¾	4½	12	4½	9	4
362412	6	6	6	6	6	6	5	4	5	8¾	6¾	12	8	9	6
363612	6	6	6	6	6	6	6	6	5	8¾	8¾	12	12	9	9

*Spacing dimensions apply to drilled and tapped holes. Space has been provided for a locknut and bushing when drilled and tapped holes are required.
 †Top and bottom are the longer dimensions on enclosures which are not square.

HomeRunner™ Box

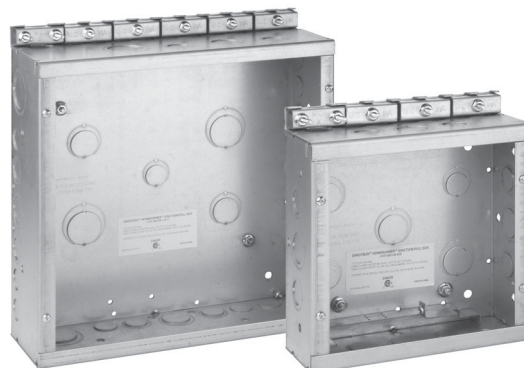
Commercial Construction Screw Cover Junction Box with Patented Clamps

Applications:

HomeRunner™ Junction Boxes are designed specifically for commercial construction applications to provide a spacious, flexible junction box for terminating home runs and other electrical wiring. Its patented clamping design and flexibility make it the most convenient, labor savings junction box available.

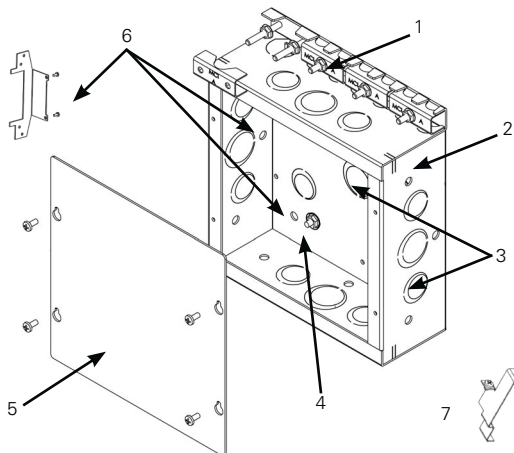
Features:

- Designed and approved for use with AC, MC, MCI-A, NM or EMT
- Patented clamping feature eliminates the need for field punching/drilling of knockouts and installation of connectors
- Standard surface or flush cover options – eliminates the need for custom covers
- Multiple mounting holes and knockouts for installation flexibility
- Optional stud bracket for direct mounting to steel or wood studs
- Kick stand far side support available with HR080803
- Available in two sizes to match customer requirements and preferences
- Third party certified for U.S. and Canada



Call-out Features:

1. Patented clamping system – provides maximum flexibility and maximum grip; third party certified for use with AC, MC, MCI-A or non-metallic sheathed cable
2. Welded steel construction – provides strong, dependable service and large cubic capacity for ease of wiring
3. Combination eccentric knockouts – on sides for quick and easy access, combination KOs in the back of the box are ideal for applications where joist spacing is too tight for side entry
4. Terminal cup washer and flanged nut – quick, easy service ground termination or attachment of grounding bus bar
5. Two cover options – square for surface mounted applications or oversized for flush mount applications
6. Extensive mounting flexibility – pre-drilled holes in side and back for direct mounting or for mounting bracket (purchased separately)
7. Far side support – screws on quickly and easily and is perforated which allows for adjustment in dual thickness, fire rated walls; shipped standard with 8" x 8" x 3" models



Certifications and Compliances:

- For U.S. and Canada: CSA File No. 248782
- Certified to UL50 and UL514B, and CSA C22.2 No. 18.3-04 & No. 40-M1989

Standard Materials:

- Enclosure and cover – pre-galvanized steel
- Hardware – zinc plated steel

Cat. #	Description	Dimensions	Knockouts	Wire Fill	Built-in Clamps	Cu. Vol.	Unit Qty.	Wt. Lbs. Per 100
HR080803	8" x 8" Box	8" H x 8" W x 3" D	(10) 1/2" and 3/4" eccentric, (7) 3/4" and 1" eccentric	(86) 14 AWG, (76) 12 AWG, (68) 10 AWG	(1) 10/3 to 10/12, (6) 14/2 to 10/3	177	5	400
HR121204	12" x 12" Box	12" H x 12" W x 4" D	(9) 1/2", (8) 1/2"-3/4" eccentric, (6) 3/4"-1" eccentric, (6) 1"-1 1/4" eccentric	(270) 14 AWG, (240) 12 AWG, (216) 10 AWG	(1) 10/3 to 10/12, (10) 14/2 to 10/3	544	5	800
HRC0808S	Surface Mount Cover	8" H x 8" W x 0.06" D	-	-	-	-	5	100
HRC0808F	Flush Mount Cover	9.38" H x 9.38" W x 0.06" D	-	-	-	-	5	160
HRC1212S	Surface Mount Cover	12" H x 12" W x 0.065" D	-	-	-	-	5	270
HRC1212F	Flush Mount Cover	13.38" H x 13.38" W x .065" D	-	-	-	-	5	230
HRSB1	Stud Bracket	-	-	-	-	-	20	35

Fiberglass Enclosures

Reliability you can count on for the most corrosive applications.

Partnering with Eaton's Crouse-Hinds Division and our dedicated team of industry experts can help you succeed. Since 1897, we have led the development of safer, more reliable ways to power the most challenging harsh and hazardous areas. We have been established as a leader in enclosures for hazardous, industrial and commercial applications. Enclosures are engineered and manufactured to perform through the most corrosive conditions needed by OEMs, MRO, wastewater treatment facilities and chemical plants. These exceptionally durable, corrosion-resistant enclosures can withstand extreme abuse and exposure to chemicals, water and extreme conditions.

Enclosure knowledge and experience with:






- Products that deliver superior performance
- Low maintenance choices, like durable non-metallic enclosures with features designed to provide optimum protection in the harshest environments
- Dedicated and expert sales support to help select products that perform reliably and cost-effectively

A commitment to safety and productivity:

Eaton's Crouse-Hinds Division is helping more industrial facility owners, operators and engineers succeed each day – safely and cost-effectively. It's part of our commitment to focus on industries where our experience, expertise and products can make the biggest impact.








Quick Selection Guide:

	Product Series & Size	Materials	Number of Sizes	Environmental Rating
	Small Line Series 3" x 3" to 17" x 3"	<ul style="list-style-type: none"> • Fiberglass-reinforced thermoset polyester • Poured polyurethane seamless gasket • Recessed captive stainless steel screws • 304 stainless steel used on all external hardware 	11	UL/cUL CSA Std. C22.2 NEMA Types 1, 3R, 4X, 6P, 12
	Pushbutton Series 6" x 3" to 13.5" x 11.5" In-line and multi-hole configurations; 30mm and 22mm configurations offered	<ul style="list-style-type: none"> • Fiberglass-reinforced thermoset polyester • Poured polyurethane seamless gasket • Recessed captive stainless steel screws • 304 stainless steel used on all external hardware 	21	UL/cUL CSA Std. C22.2 NEMA Types 1, 3, 4X, 6P, 12
	Junction Box Series 6" x 4" to 20" x 16"	<ul style="list-style-type: none"> • Fiberglass-reinforced thermoset polyester • Poured polyurethane seamless gasket • Recessed captive stainless steel screws • 304 stainless steel used on all external hardware 	76	UL/cUL CSA Std. C22.2 NEMA Types 1, 3, 4X, 6P, 12
	Raised Cover Series 6" x 4" to 20" x 16"	<ul style="list-style-type: none"> • Fiberglass-reinforced thermoset polyester • Poured polyurethane seamless gasket • Stainless steel screws • 304 stainless steel used on all external hardware 	33	UL/cUL CSA Std. C22.2 NEMA Types 1, 3, 4X, 6P, 12
	Advantage Series 6" x 6" to 20" x 16"	<ul style="list-style-type: none"> • Fiberglass-reinforced thermoset polyester • Poured polyurethane seamless gasket • Stainless steel screws • 304 stainless steel used on all external hardware 	36	UL/cUL CSA Std. C22.2 NEMA Types 1, 3, 3S, 4X, 12, 13

Fiberglass Enclosures

Quick Selection Guide

	Product Series & Size	Materials	Number of Sizes	Environmental Rating
	Wall Mount Series/ 3R & 4X Series 16" x 10" to 48" x 36" NEMA 3R or 4X	<ul style="list-style-type: none"> Fiberglass-reinforced thermoset polyester Poured polyurethane seamless gasket Stainless steel screws 304 stainless steel used on all external hardware 	28	UL/cUL CSA Std. C22.2 (3R) – NEMA Types 1, 3R (4X) – NEMA Types 1, 3, 3R, 4X, 12
	Wall Mount Series/ Large Series 48" x 36" to 72" x 49" Large and free-standing enclosures with double door options	<ul style="list-style-type: none"> Fiberglass-reinforced thermoset polyester Poured polyurethane seamless gasket Stainless steel screws 304 stainless steel used on all external hardware 	7	UL/cUL CSA Std. C22.2 NEMA Types 1, 3, 3R, 4X, 12
	Disconnect & Circuit Breaking Series 16" x 10" to 36" x 30" Industrial control system applications	<ul style="list-style-type: none"> Fiberglass-reinforced thermoset polyester Poured polyurethane seamless gasket Stainless steel screws 304 stainless steel used on all external hardware 	6	UL/cUL CSA Std. C22.2 NEMA Types 1, 3, 3R, 4X, 12
	Xtra Deep Series 6" x 4" to 20" x 16" Extra deep cover	<ul style="list-style-type: none"> Fiberglass-reinforced thermoset polyester Poured polyurethane seamless gasket Recessed captive stainless steel screws 304 stainless steel used on all external hardware 	11	UL/cUL CSA Std. C22.2 NEMA Types 1, 3, 4X, 12
	Eaton's Crouse-Hinds Division has a full line of Krydon® material enclosures. These solid, one-piece construction enclosures are made of a proprietary formulation of fiberglass-reinforced polyester that has high impact strength, is fire retardant, heat-resistant and withstands weathering. Krydon enclosures are:			
	<ul style="list-style-type: none"> Strong and durable while providing longer service life for equipment Class I, Division 2, Groups B, C, D rating on many Krydon products Available in an expansive range of product groups Available in hundreds of sizes and options 			

Fiberglass Enclosures

Small Line Series

The Small Line Series offers a lightweight, compact, versatile solution for applications requiring tight or confined spaces. The Small Line Series houses everything from terminal blocks to small positional control. Available in a choice of two body styles, these enclosures are made of fiberglass-reinforced polyester and have a memory retaining polyurethane gasket and stainless steel screws for exceptional corrosion and chemical resistance. The Small Line Series will hold up under the most extreme conditions and provide protection in adverse environments such as water, steam, vapor or chemicals.

Features:

- Lift-off cover design with four cover screws
- Memory retaining continuous polyurethane gasket
- Captive stainless steel cover screws
- Chemical-resistant fiberglass-reinforced polyester
- Submersible, non-corrosive design
- Watertight, dusttight
- Non-conductive, impact-resistant, UV-resistant
- Material cuts, drills, punches and saws with ease and accuracy
- Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- Smooth surface, no color variations, swirls or color pockets, no voids

Certifications and Compliances:

- UL/cUL 50, Types 1, 3R, 4X, 6P, 12
- UL File No. E-57656
- CSA Std. C22.2 - File 244248 Types 1, 3R, 4X, 6P, 12
- NEMA Standard 250 - Types 1, 3R, 4X, 6P, 12
- Temperature range: -76°F to +250°F (-60°C to +120°C)
- Flammability rating: UL94-5V
- Non-flame propagating



Standard Materials and Finishes:

- Hot compression molded fiberglass-reinforced thermoset polyester
- Poured polyurethane seamless gasket provides watertight, dusttight environmental seal
- Captive stainless steel screws
- 304 stainless steel used on all external hardware

Options:

- | Description | Cat. # |
|--|-------------|
| • Mounting feet kit for field installation | FSJMTGFTKIT |



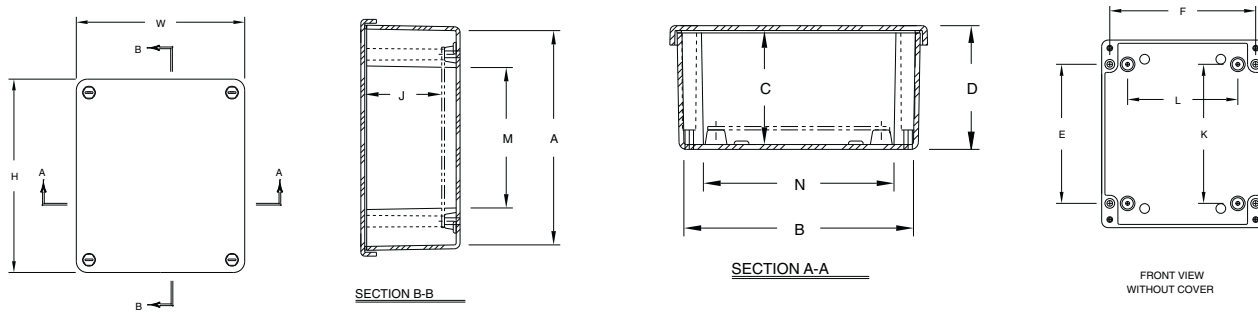
Inside H x W x D	FSJBS	FSJS*	NPT Size
	Cat. # Four Cover Screws with a Beveled Cover Design	Cat. # Four Cover Screws with a Flat Cover Design	Cat. # Mounting Plate**
3.13 x 3.03 x 2.70	FSJBS030302		
5.38 x 3.03 x 2.87	FSJBS050302		
6.00 x 3.19 x 3.63	FSJBS060404		
7.82 x 3.03 x 2.87	FSJBS080302		
8.26 x 3.19 x 3.63	FSJBS080404		
8.75 x 3.03 x 2.87	FSJBS090302		
10.51 x 3.19 x 3.63	FSJBS110404		
13.19 x 3.03 x 2.87	FSJBS140302		
16.75 x 3.03 x 2.87	FSJBS170302		
6.90 x 5.90 x 2.88		FSJS070603	FMP0706
9.15 x 5.90 x 2.88		FSJS090603	FMP0906

*Flat cover.

**Available in: aluminum (SA), fiberglass (FG), carbon steel (C) and 304 stainless steel (SS). To order, add the suffix to the end of the catalog number.

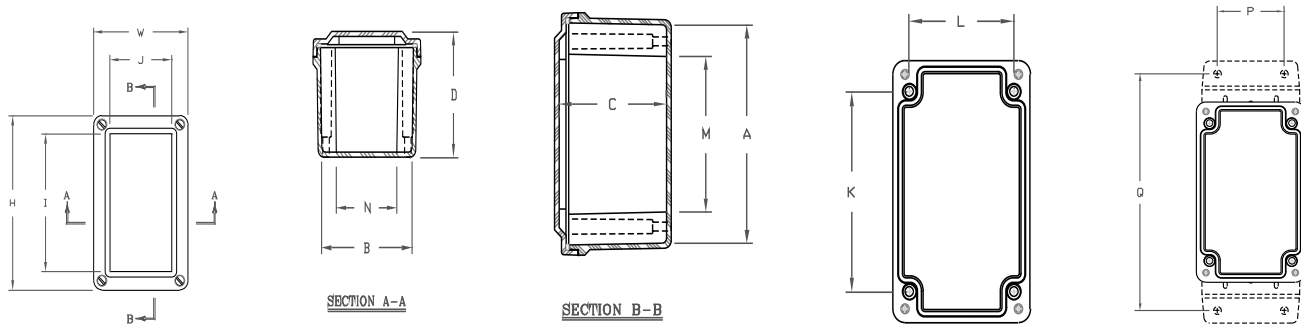
Fiberglass Enclosures Small Line Series

Dimensional Drawings:



FSJS Configuration Dimensions (in Inches (mm)):

Cat. #	Overall H x W x D	Inside A x B x C	Mounting E x F	J	K	L	M	N	Weight (Lbs.)
FSJS070603	7.63 x 6.63 x 3.19 (194 x 168 x 81)	6.90 x 5.90 x 2.88 (175 x 150 x 73)	5.37 x 5.63 (137 x 143)	2.48 (63)	5.30 (137)	4.25 (108)	4.52 (115)	4.90 (124)	3
FSJS090603	9.87 x 6.63 x 3.19 (251 x 168 x 81)	9.15 x 5.90 x 2.88 (232 x 150 x 73)	7.62 x 5.63 (194 x 143)	2.48 (63)	7.62 (194)	4.25 (108)	6.77 (172)	4.90 (124)	3



FSJBS Configuration Dimensions (in Inches (mm)):

Cat. #	Overall H x W x D	Inside A x B x C	I	J	K	L	M	N	Weight (Lbs.)
FSJBS030302	3.72 x 3.63 x 2.95 (95 x 92 x 75)	3.13 x 3.03 x 2.70 (79 x 77 x 69)	0 (0)	0 (0)	2.31 (59)	2.75 (70)	1.59 (40)	2.03 (52)	1
FSJBS050302	5.97 x 3.63 x 3.14 (152 x 92 x 80)	5.38 x 3.03 x 2.87 (137 x 77 x 73)	4.72 (120)	2.38 (61)	4.56 (116)	2.75 (70)	3.84 (98)	2.03 (52)	1
FSJBS060404	6.63 x 3.81 x 3.89 (168 x 97 x 99)	6.00 x 3.19 x 3.63 (153 x 81 x 92)	5.31 (135)	2.50 (64)	4.88 (124)	2.94 (75)	4.13 (105)	2.19 (56)	2
FSJBS080302	8.41 x 3.63 x 3.14 (214 x 92 x 80)	7.82 x 3.03 x 2.87 (199 x 77 x 73)	7.16 (182)	2.38 (60)	7.00 (178)	2.75 (70)	6.28 (160)	2.03 (52)	2
FSJBS080404	8.88 x 3.81 x 3.89 (225 x 97 x 99)	8.26 x 3.19 x 3.63 (210 x 81 x 92)	7.56 (192)	2.50 (64)	7.13 (181)	2.94 (75)	6.38 (162)	2.19 (56)	2
FSJBS090302	9.35 x 3.63 x 3.14 (237 x 92 x 80)	8.75 x 3.03 x 2.87 (222 x 77 x 73)	8.10 (206)	2.38 (60)	7.94 (202)	2.75 (70)	7.22 (183)	2.03 (52)	2
FSJBS110404	11.13 x 3.81 x 3.89 (283 x 97 x 99)	10.51 x 3.19 x 3.63 (267 x 81 x 92)	9.81 (249)	2.50 (64)	9.37 (238)	2.94 (75)	8.63 (219)	2.19 (56)	2
FSJBS140302	13.78 x 3.63 x 3.14 (350 x 92 x 80)	13.19 x 3.03 x 2.87 (335 x 77 x 73)	12.53 (318)	2.38 (60)	12.37 (314)	2.75 (70)	11.66 (296)	2.03 (52)	2
FSJBS170302	17.35 x 3.63 x 3.14 (441 x 92 x 80)	16.75 x 3.03 x 2.87 (426 x 77 x 73)	16.10 (409)	2.38 (60)	15.94 (405)	2.75 (70)	15.22 (387)	2.03 (52)	3

Fiberglass Enclosures Pushbutton Series

The Pushbutton Series offers a solution for applications requiring an enclosure with multiple pre-drilled openings for pushbuttons available in 30mm and 22mm configurations. The notched keyhole design, and the ability to order up to 25 holes, makes this versatile series a perfect match for your general purpose electrical and control station applications. Available in a choice of two body designs, these enclosures are made of fiberglass-reinforced polyester and have a memory retaining polyurethane gasket and stainless steel screws for exceptional corrosion and chemical resistance. The Pushbutton Series will hold up under the most extreme conditions and provide protection in adverse conditions such as water, steam, vapor or chemicals.



Features:

- Lift-off cover design with four cover screws
- Memory retaining continuous polyurethane gasket
- Captive stainless steel cover screws
- Full metal grounding strap
- Notched keyhole design
- Chemical-resistant fiberglass-reinforced polyester
- Submersible, non-corrosive design
- Watertight, dusttight
- Non-conductive, impact-resistant, UV-resistant
- Material cuts, drills, punches and saws with ease and accuracy
- Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- Smooth surface, no color variations, swirls or color pockets, no voids

Certifications and Compliances:

- UL/cUL 50, Types 1, 3, 4X, 6P, 12
- UL File No. E-57656
- CSA Std. C22.2 - File 244248 Types 1, 3, 4X, 6P, 12
- NEMA Standard 250 - Types 1, 3, 4X, 6P, 12
- Temperature range: -76°F to +250°F (-60°C to +120°C)
- Flammability rating: UL94-5V
- Non-flame propagating

Standard Materials and Finishes:

- Hot compression molded fiberglass-reinforced thermoset polyester
- Poured polyurethane seamless gasket provides watertight, dusttight environmental seal
- Captive stainless steel screws
- 304 stainless steel used on all external hardware
- Stainless steel beaded cover retention chain on the FPBM series

Options:

- | Description | Cat. # |
|--|--------------------|
| • Mounting feet kit for field installation | FSJMTGFTKIT |



Inside H x W x D	Holes	Cat. # 30mm Pushbutton	Inside H x W x D	Cat. # 22mm Pushbutton	Inside H x W x D	Holes	Cat. # 30mm Multi-hole Pushbutton	Cat. # Mounting Plate*
6.00 x 3.19 x 3.63	1	FPB31	6.00 x 3.19 x 3.63	FPB21	5.72 x 5.72 x 4.45	4	FPBM34	FMP0606
6.00 x 3.19 x 3.63	2	FPB32	6.00 x 3.19 x 3.63	FPB22	7.73 x 5.74 x 4.45	6	FPBM36	FMP0806
8.26 x 3.19 x 3.63	3	FPB33	6.00 x 3.19 x 3.63	FPB23	9.73 x 7.73 x 3.98	9	FPBM39	FMP1008
10.51 x 3.19 x 3.63	4	FPB34	8.26 x 3.19 x 3.63	FPB24	9.73 x 7.73 x 3.98			
13.19 x 3.03 x 2.87	5	FPB35	10.51 x 3.19 x 3.63	FPB25	11.79 x 9.80 x 4.94			
16.75 x 3.03 x 2.87	6	FPB36	10.51 x 3.19 x 3.63	FPB26	11.79 x 9.80 x 4.94			
16.75 x 3.03 x 2.87	7	FPB37	13.19 x 3.03 x 2.87	FPB27	13.53 x 11.55 x 5.94			

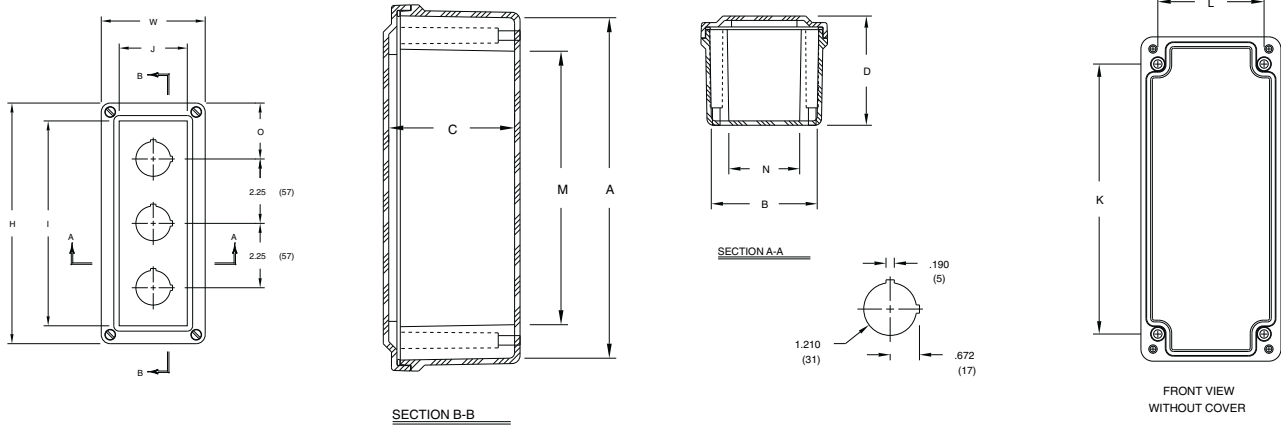
*Available in: aluminum (SA), fiberglass (FG), carbon steel (C) and 304 stainless steel (SS). To order, add the suffix to the end of the catalog number.

Fiberglass

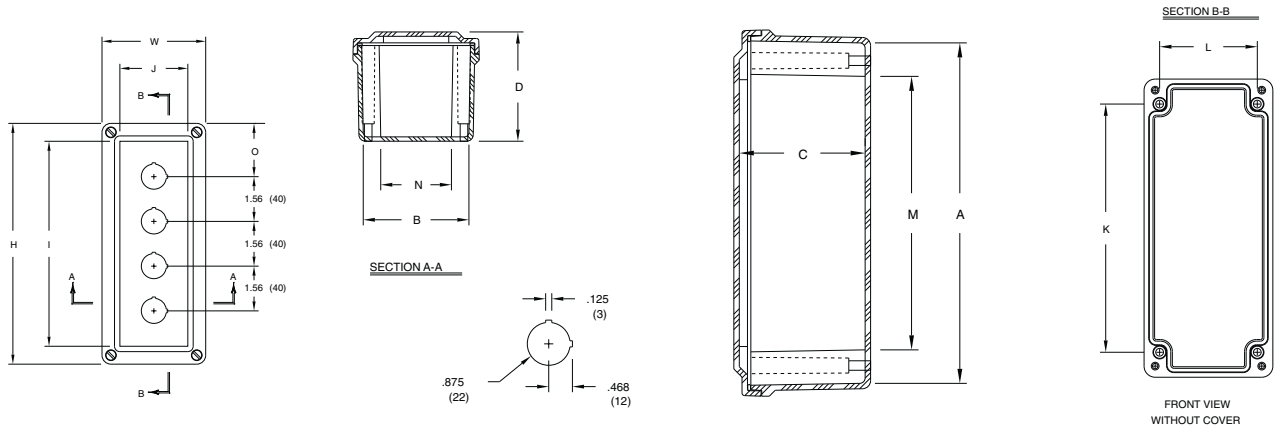
Fiberglass Enclosures Pushbutton Series

Dimensional Drawings:

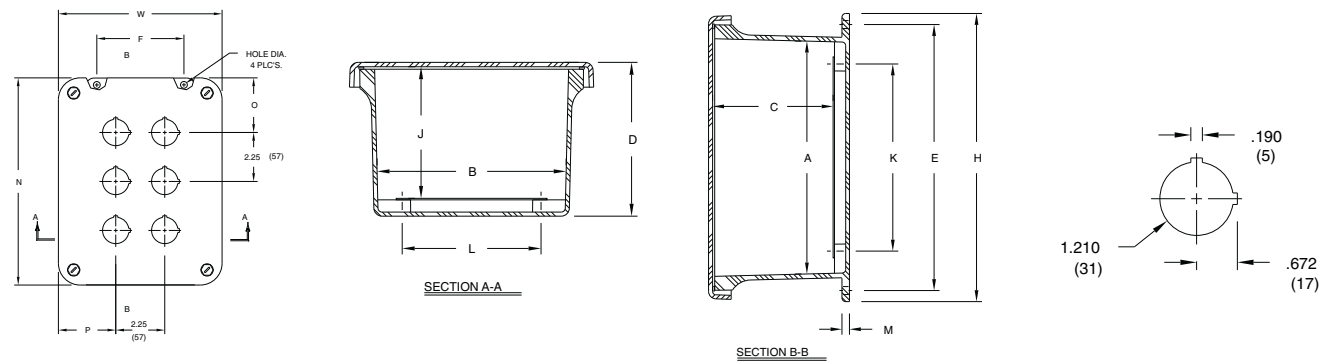
30mm



22mm



Multi-hole



Fiberglass Enclosures Pushbutton Series

30mm Pushbutton Configuration Dimensions (in Inches (mm)):

Cat. #	Overall H x W x D	Inside A x B x C	I	J	K	L	M	N	O	Weight (Lbs.)
FPB31	6.63 x 3.81 x 3.89 (168 x 97 x 99)	6.00 x 3.19 x 3.63 (153 x 81 x 92)	5.31 (135)	2.50 (64)	4.88 (124)	2.94 (75)	4.13 (105)	2.19 (56)	3.31 (84)	2
FPB32	6.63 x 3.81 x 3.89 (168 x 97 x 99)	6.00 x 3.19 x 3.63 (153 x 81 x 92)	5.31 (135)	2.50 (64)	4.88 (124)	2.94 (75)	4.13 (105)	2.19 (56)	2.19 (56)	2
FPB33	8.88 x 3.81 x 3.89 (225 x 97 x 99)	8.26 x 3.19 x 3.63 (210 x 81 x 92)	7.56 (192)	2.50 (64)	7.13 (181)	2.94 (75)	6.38 (162)	2.19 (56)	2.19 (56)	2
FPB34	11.13 x 3.81 x 3.89 (283 x 97 x 99)	10.51 x 3.19 x 3.63 (267 x 81 x 92)	9.81 (249)	2.50 (64)	9.37 (238)	2.94 (75)	8.63 (219)	2.19 (56)	2.19 (56)	2
FPB35	13.78 x 3.63 x 3.14 (350 x 92 x 80)	13.19 x 3.03 x 2.87 (335 x 77 x 73)	12.53 (318)	2.38 (60)	12.37 (314)	2.75 (70)	11.66 (296)	2.03 (52)	2.39 (61)	2
FPB36	17.35 x 3.63 x 3.14 (441 x 92 x 80)	16.75 x 3.03 x 2.87 (426 x 77 x 73)	16.10 (409)	2.38 (60)	15.94 (405)	2.75 (70)	15.22 (387)	2.03 (52)	3.05 (77)	3
FPB37	17.35 x 3.63 x 3.14 (441 x 92 x 80)	16.75 x 3.03 x 2.87 (426 x 77 x 73)	16.10 (409)	2.38 (60)	15.94 (405)	2.75 (70)	15.22 (387)	2.03 (52)	1.92 (49)	3

22mm Pushbutton Configuration Dimensions (in Inches (mm)):

Cat. #	Overall H x W x D	Inside A x B x C	I	J	K	L	M	N	O	Weight (Lbs.)
FPB21	6.63 x 3.81 x 3.89 (168 x 97 x 99)	6.00 x 3.19 x 3.63 (153 x 81 x 92)	5.31 (135)	2.50 (64)	4.88 (124)	2.94 (75)	4.13 (105)	2.19 (56)	3.31 (84)	2
FPB22	6.63 x 3.81 x 3.89 (168 x 97 x 99)	6.00 x 3.19 x 3.63 (153 x 81 x 92)	5.31 (135)	2.50 (64)	4.88 (124)	2.94 (75)	4.13 (105)	2.19 (56)	2.53 (64)	2
FPB23	6.63 x 3.81 x 3.89 (168 x 97 x 99)	6.00 x 3.19 x 3.63 (153 x 81 x 92)	5.31 (135)	2.50 (64)	4.88 (124)	2.94 (75)	4.13 (105)	2.19 (56)	1.75 (44)	2
FPB24	8.88 x 3.81 x 3.89 (225 x 97 x 99)	8.26 x 3.19 x 3.63 (210 x 81 x 92)	7.56 (192)	2.50 (64)	7.13 (181)	2.94 (75)	6.38 (162)	2.19 (56)	2.09 (53)	2
FPB25	11.13 x 3.81 x 3.89 (283 x 97 x 99)	10.51 x 3.19 x 3.63 (267 x 81 x 92)	9.81 (249)	2.50 (64)	9.37 (238)	2.94 (75)	8.63 (219)	2.19 (56)	2.44 (62)	2
FPB26	11.13 x 3.81 x 3.89 (283 x 97 x 99)	10.51 x 3.19 x 3.63 (267 x 81 x 92)	9.81 (249)	2.50 (64)	9.37 (238)	2.94 (75)	8.63 (219)	2.19 (56)	1.66 (42)	3
FPB27	13.78 x 3.63 x 3.14 (350 x 92 x 80)	13.19 x 3.03 x 2.87 (335 x 77 x 73)	12.53 (318)	2.38 (60)	12.37 (314)	2.75 (70)	11.66 (296)	2.03 (52)	2.20 (56)	3

Multi-hole Pushbutton Configuration Dimensions (in Inches (mm)):

Cat. #	Overall H x W x D	Inside A x B x C	Mounting E x F	J	K	L	M	N	O	P	Hole Dia.	Weight (Lbs.)
FPBM34	7.50 x 7.50 x 4.75 (191 x 191 x 121)	5.72 x 5.72 x 4.45 (145 x 145 x 113)	6.75 x 4.00 (171 x 101)	4.00 (101)	4.25 (108)	4.25 (108)	0.25 (6)	7.52 (191)	2.64 (67)	2.64 (67)	0.31 (8)	2.75
FPBM36	9.62 x 7.50 x 4.74 (244 x 191 x 121)	7.73 x 5.74 x 4.45 (196 x 146 x 113)	8.88 x 4.00 (225 x 101)	4.00 (101)	6.25 (159)	4.25 (108)	0.25 (6)	9.50 (242)	2.64 (67)	2.51 (64)	0.31 (8)	3.50
FPBM39	11.62 x 9.41 x 4.25 (295 x 239 x 108)	9.73 x 7.73 x 3.98 (247 x 196 x 101)	10.75 x 6.00 (273 x 152)	3.50 (89)	8.25 (209)	6.25 (159)	0.25 (6)	11.35 (288)	3.43 (87)	2.45 (62)	0.31 (8)	5.00

Fiberglass Enclosures Junction Box Series

The Junction Box Series offers an extensive selection to the industrial application requiring a vast number of configurations and sizes. The Junction Box Series is available in 12 different sizes, each offering a multitude of durable cover options with features such as stainless steel hinges, padlock covers and windows. These enclosures are made of fiberglass-reinforced polyester and have a poured polyurethane seamless gasket that provides a watertight and dusttight environmental seal for exceptional corrosion and chemical resistance. The durable Junction Box Series will hold up under the most extreme applications and provide protection and reliability in the most adverse conditions.

Features:

- Memory retaining continuous polyurethane gasket
- Captive stainless steel cover screws
- Chemical-resistant fiberglass-reinforced polyester
- Submersible, non-corrosive design
- Watertight, dusttight
- Non-conductive, impact-resistant, UV-resistant
- Material cuts, drills, punches and saws with ease and accuracy
- Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- Smooth surface, no color variations, swirls or color pockets, no voids
- Stainless steel retention chain on screw cover series
- Full length stainless steel hinges on the hinge cover series

Certifications and Compliances:

- UL/cUL 50, Types 1, 3, 4X, 6P, 12
- UL File No. E-57656
- CSA Std. C22.2 - File 244248 Types 1, 3, 4X, 6P, 12
- NEMA Standard 250 - Types 1, 3, 4X, 6P, 12
- Temperature range: -76°F to +250°F (-60°C to +120°C)
- Flammability rating: UL94-5V
- Window flammability: UL94V-0
- Non-flame propagating



Standard Materials and Finishes:

- Hot compression molded fiberglass-reinforced thermoset polyester
- Poured polyurethane seamless gasket provides watertight, dusttight environmental seal
- Captive stainless steel screws
- 304 stainless steel used on all external hardware
- Molded in mounting flange
- Panel mounting capability for fixed rear panel
- Bosses utilize threaded brass inserts accepting 10-32 screws



Inside H x W x D	Cat. # Four Cover Screws with Lift-off Cover	Cat. # Two Cover Screws with Hinged Cover	Cat. # Hinged Cover with Padlock Latch	Cat. # Hinged Cover with Window & Padlock Latch	Cat. # Mounting Plate*
5.84 x 3.85 x 4.45	FJS060404	FJHS060404	FJHP060404	FJHPW060404	FMP0604
5.72 x 5.72 x 4.45	FJS060604	FJHS060604	FJHP060604	FJHPW060604	FMP0606
7.73 x 5.74 x 4.45	FJS080604	FJHS080604	FJHP080604	FJHPW080604	FMP0806
7.73 x 7.73 x 4.82	FJS080804	FJHS080804	FJHP080804	FJHPW080804	FMP0808
9.73 x 7.73 x 3.98	FJS100804	FJHS100804†	FJHP100804	FJHPW100804	FMP1008
11.79 x 9.80 x 4.94	FJS121005	FJHS121005	FJHP121005	FJHPW121005	FMP1210
11.70 x 11.70 x 6.29	FJS121206	FJHS121206	FJHP121206	FJHPW121206	FMP1212
14.00 x 7.00 x 6.56	FJS140707	FJHS140707	FJHP140707	FJHPW140707	FMP1407
13.53 x 11.55 x 5.94	FJS141206	FJHS141206	FJHP141206	FJHPW141206	FMP1412
15.63 x 13.60 x 5.94	FJS161406	FJHS161406	FJHP161406	FJHPW161406	FMP1614
17.69 x 15.69 x 8.45	FJS181608‡	FJHS181608‡	FJHP181608‡	FJHPW181608‡	FMP1816
19.72 x 15.72 x 8.45	FJS201608‡	FJHS201608‡	FJHP201608‡	FJHPW201608‡	FMP2016

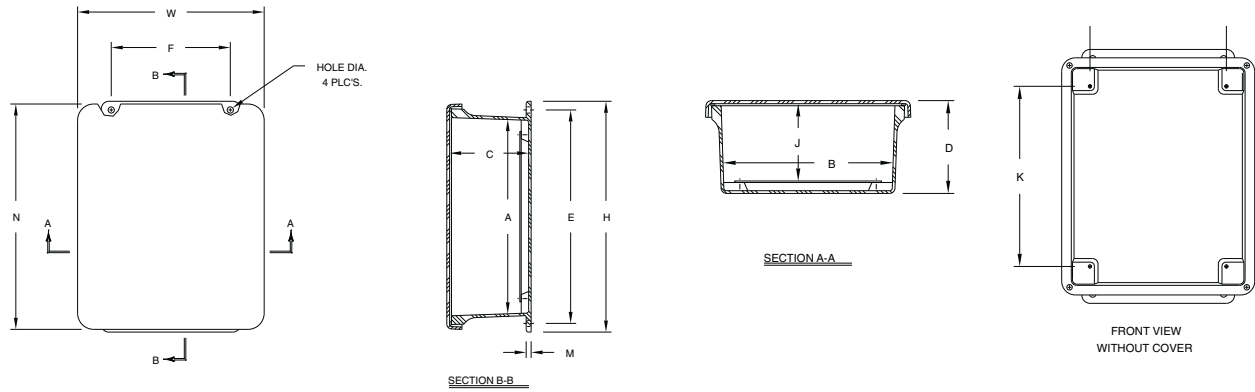
*Available in: aluminum (SA), fiberglass (FG), carbon steel (C) and 304 stainless steel (SS). To order, add the suffix to the end of the catalog number.

†Available with the deep cover option – to order, please add a 'D' to the catalog number. For example: FJDHS100804.

‡Not available with a 6P rating.

Fiberglass Enclosures Junction Box Series

Dimensional Drawings:



Configuration Dimensions (in Inches (mm)):

Cat. #	Overall H x W x D	Inside A x B x C	Window Area	Mounting E x F	J	K	L	M	N	Hole Dia.	Weight (Lbs.)
FJS060404 FJHS060404 FJHP060404 FJHPW060404	7.50 x 5.43 x 4.75 (191 x 138 x 121)	5.84 x 3.85 x 4.45 (148 x 98 x 113)	4.25 x 2.25 (108 x 57)	6.75 x 2.00 (171 x 51)	4.00 (101)	4.25 (108)	2.25 (57)	0.25 (6)	7.39 (188)	0.31 (8)	2.50
FJS060604 FJHS060604 FJHP060604 FJHPW060604	7.50 x 7.50 x 4.75 (191 x 191 x 121)	5.72 x 5.72 x 4.45 (145 x 145 x 113)	4.25 x 4.25 (108 x 108)	6.75 x 4.00 (171 x 101)	4.00 (101)	4.25 (108)	4.25 (108)	0.25 (6)	7.52 (191)	0.31 (8)	2.75
FJS080604 FJHS080604 FJHP080604 FJHPW080604	9.62 x 7.50 x 4.74 (244 x 191 x 121)	7.73 x 5.74 x 4.45 (196 x 146 x 113)	6.25 x 4.25 (159 x 108)	8.88 x 4.00 (225 x 101)	4.00 (101)	6.25 (159)	4.25 (108)	0.25 (6)	9.50 (242)	0.31 (8)	3.50
FJS080804 FJHS080804 FJHP080804 FJHPW080804	9.56 x 9.38 x 4.89 (243 x 238 x 124)	7.73 x 7.73 x 4.64 (196 x 196 x 118)	8.75 x 6.00 (222 x 152)	8.75 x 6.00 (222 x 152)	4.06 (103)	6.25 (159)	6.25 (159)	0.25 (6)	9.37 (238)	0.31 (8)	1.71
FJS100804 FJHS100804 FJHP100804 FJHPW100804	11.62 x 9.41 x 4.25 (295 x 239 x 108)	9.73 x 7.73 x 3.98 (247 x 196 x 101)	8.25 x 6.25 (210 x 159)	10.75 x 6.00 (273 x 152)	3.50 (89)	8.25 (209)	6.25 (159)	0.25 (6)	11.35 (288)	0.31 (8)	5.00
FJDS100804* FJDHS100804* FJDHP100804* FJDHPW100804*	11.62 x 9.37 x 5.06 (295 x 238 x 129)	9.73 x 7.73 x 4.83 (247 x 196 x 123)	8.25 x 6.25 (210 x 159)	10.75 x 6.00 (273 x 152)	4.37 (111)	8.25 (209)	6.25 (159)	0.25 (6)	11.37 (289)	0.31 (8)	5.00
FJS121005 FJHS121005 FJHP121005 FJHPW121005	13.56 x 11.43 x 5.21 (344 x 291 x 132)	11.79 x 9.80 x 4.94 (299 x 249 x 125)	10.25 x 8.25 (260 x 210)	12.75 x 8.00 (324 x 203)	4.50 (114)	10.25 (260)	8.25 (209)	0.25 (6)	13.41 (341)	0.31 (8)	6.50

*Deep cover - center of cover raised 3/4".

Fiberglass Enclosures Junction Box Series

Configuration Dimensions (in Inches (mm)):

Cat. #	Overall H x W x D	Inside A x B x C	Window Area	Mounting E x F	J	K	L	M	N	Hole Dia.	Weight (Lbs.)
FJS121206 FJHS121206 FJHP121206	13.56 x 13.38 x 6.36 (344 x 340 x 161)	11.70 x 11.70 x 6.11 (297 x 297 x 155)	12.75 x 10.00 (324 x 254)	12.75 x 10.00 (324 x 254)	5.53 (140)	10.25 (260)	10.25 (260)	0.25 (6)	13.38 (340)	0.31 (8)	3.20
FJS140707 FJHS140707 FJHP140707 FJHPW140707	15.87 x 8.75 x 6.81 (403 x 222 x 173)	14.00 x 7.00 x 6.56 (356 x 178 x 167)	12.75 x 5.75 (324 x 146)	15.00 x 5.00 (381 x 127)	6.12 (156)	12.25 (311)	5.25 (133)	0.25 (6)	15.75 (400)	0.31 (8)	6.25
FJS141206 FJHS141206 FJHP141206 FJHPW141206	15.50 x 13.50 x 6.25 (394 x 343 x 159)	13.53 x 11.55 x 5.94 (344 x 293 x 151)	12.25 x 10.25 (311 x 260)	14.62 x 10.00 (371 x 254)	5.37 (137)	12.25 (311)	10.25 (260)	0.25 (6)	15.47 (393)	0.31 (8)	8.50
FJS161406 FJHS161406 FJHP161406 FJHPW161406	17.53 x 15.46 x 6.23 (445 x 393 x 158)	15.63 x 13.60 x 5.94 (397 x 345 x 151)	14.25 x 12.25 (362 x 311)	16.75 x 12.00 (425 x 305)	5.36 (136)	14.25 (362)	12.25 (311)	0.25 (6)	17.45 (443)	0.31 (8)	11.50
FJS181608 FJHS181608 FJHP181608 FJHPW181608	19.62 x 17.61 x 8.82 (498 x 447 x 224)	17.69 x 15.69 x 8.45 (449 x 399 x 215)	16.25 x 14.25 (413 x 362)	18.88 x 12.00 (479 x 305)	7.99 (203)	16.25 (413)	14.25 (362)	0.25 (6)	19.61 (498)	0.31 (8)	19.25
FJS201608 FJHS201608 FJHP201608 FJHPW201608	22.00 x 17.68 x 8.83 (559 x 449 x 224)	19.72 x 15.72 x 8.45 (501 x 399 x 215)	18.25 x 14.25 (464 x 362)	21.25 x 10.00 (540 x 254)	8.00 (203)	18.25 (464)	14.25 (362)	0.25 (6)	21.68 (551)	0.31 (8)	20.25

Fiberglass Enclosures Raised Cover Series

The Raised Cover Series offers a solution for applications requiring an enclosure with a “raised” or “deeper” cover. The deeper cover is suitable for panel mounting and for use as an operator interface in industrial equipment control stations when required. The deeper cover allows every cubic inch of valuable internal enclosure space to be used. These enclosures are made of fiberglass-reinforced polyester and have a poured polyurethane seamless gasket that provides a watertight and dusttight environmental seal for exceptional corrosion and chemical resistance. The Raised Cover Series will hold up under the most extreme applications and provide protection and reliability in high end electronics applications, harsh corrosive environments and industrial applications, both indoors and out.

Features:

- Memory retaining continuous polyurethane gasket
- Molded in mounting flange
- Captive stainless steel cover screws
- Chemical-resistant fiberglass-reinforced polyester
- Submersible, non-corrosive design
- Watertight, dusttight
- Non-conductive, impact-resistant, UV-resistant
- Material cuts, drills, punches and saws with ease and accuracy
- Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- Smooth surface, no color variations, swirls or color pockets, no voids

Certifications and Compliances:

- UL/cUL 50, Types 1, 3, 4X, 6P, 12
- UL File No. E-57656
- CSA Std. C22.2 - File 244248 Types 1, 3, 4X, 6P, 12
- NEMA Standard 250 - Types 1, 3, 4X, 6P, 12
- Temperature range: -76°F to +250°F (-60°C to +120°C)
- Flammability rating: UL94-5V
- Non-flame propagating



Standard Materials and Finishes:

- Hot compression molded fiberglass-reinforced thermoset polyester
- Poured polyurethane seamless gasket provides watertight, dusttight environmental seal
- Captive stainless steel screws
- 304 stainless steel used on all external hardware
- Molded in mounting flange
- Panel mounting capability for fixed rear panel
- Bosses utilize threaded brass inserts accepting 10-32 screws



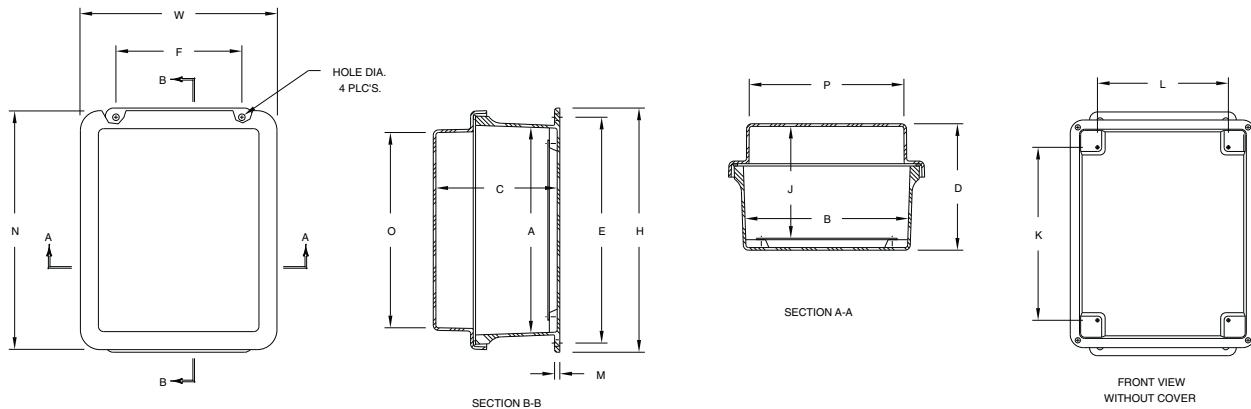
Inside H x W x D	Cat. # Four Cover Screws with Lift-off Cover	Cat. # Two Cover Screws with Hinged Cover	Cat. # Hinged Cover with Padlock Latch	Cat. # Mounting Plate*
5.84 x 3.85 x 5.95	FRCJS060406	FRCJHS060406	FRCJHP060406	FMP0604
5.72 x 5.72 x 5.95	FRCJS060606	FRCJHS060606	FRCJHP060606	FMP0606
7.73 x 5.74 x 5.95	FRCJS080606	FRCJHS080606	FRCJHP080606	FMP0806
7.73 x 7.73 x 4.82	FRCJS080805	FRCJHS080805	FRCJHP080805	FMP0808
9.73 x 7.73 x 6.36	FRCJS100806	FRCJHS100806	FRCJHP100806	FMP1008
11.79 x 9.80 x 6.32	FRCJS121006	FRCJHS121006	FRCJHP121006	FMP1210
11.70 x 11.70 x 6.29			FRCJHP121208	FMP1212
13.53 x 11.55 x 7.45	FRCJS141208	FRCJHS141208	FRCJHP141208	FMP1412
15.63 x 13.60 x 7.45	FRCJS161408	FRCJHS161408	FRCJHP161408	FMP1614
17.69 x 15.69 x 10.31	FRCJS181610	FRCJHS181610	FRCJHP181610	FMP1816
19.72 x 15.72 x 10.33	FRCJS201610	FRCJHS201610	FRCJHP201610	FMP2016

*Available in: aluminum (SA), fiberglass (FG), carbon steel (C) and 304 stainless steel (SS). To order, add the suffix to the end of the catalog number.

Fiberglass

Fiberglass Enclosures Raised Cover Series

Dimensional Drawings:



Configuration Dimensions (in Inches (mm)):

Cat. #	Overall H x W x D	Inside A x B x C	Mounting E x F	J	K	L	M	N	O	P	Hole Dia.	Weight (Lbs.)
FRCJS060406 FRCJHS060406 FRCJHP060406	7.50 x 5.47 x 6.22 (191 x 139 x 158)	5.84 x 3.85 x 5.95 (148 x 98 x 151)	6.75 x 2.00 (171 x 51)	5.49 (140)	4.25 (108)	2.25 (57)	0.25 (6)	7.45 (189)	5.31 (135)	3.34 (85)	0.31 (8)	2.50
FRCJS060606 FRCJHS060606 FRCJHP060606	7.50 x 7.52 x 6.22 (191 x 191 x 158)	5.72 x 5.72 x 5.95 (145 x 145 x 151)	6.75 x 4.00 (171 x 101)	5.49 (140)	4.25 (108)	4.25 (108)	0.25 (6)	7.52 (191)	5.34 (136)	5.31 (135)	0.31 (8)	2.75
FRCJS080606 FRCJHS080606 FRCJHP080606	9.62 x 7.46 x 6.22 (244 x 190 x 158)	7.73 x 5.74 x 5.95 (196 x 146 x 151)	8.88 x 4.00 (225 x 101)	5.49 (140)	6.25 (159)	4.25 (108)	0.25 (6)	9.36 (238)	7.25 (185)	5.28 (134)	0.31 (8)	3.50
FRCJS080805 FRCJHS080805 FRCJHP080805	9.56 x 9.38 x 6.26 (243 x 238 x 159)	7.73 x 7.73 x 6.01 (196 x 196 x 153)	8.75 x 6.00 (222 x 152)	5.43 (138)	6.25 (159)	6.25 (159)	0.25 (6)	9.37 (238)	7.17 (182)	7.17 (182)	0.31 (8)	4.00
FRCJS100806 FRCJHS100806 FRCJHP100806	11.62 x 9.37 x 6.61 (295 x 238 x 168)	9.73 x 7.73 x 6.36 (247 x 196 x 162)	10.75 x 6.00 (273 x 152)	5.91 (150)	8.25 (209)	6.25 (159)	0.25 (6)	11.38 (289)	9.30 (236)	7.38 (188)	0.31 (8)	5.00
FRCJS121006 FRCJHS121006 FRCJHP121006	13.56 x 11.43 x 6.61 (344 x 291 x 168)	11.79 x 9.80 x 6.32 (299 x 249 x 161)	12.75 x 8.00 (324 x 203)	5.87 (149)	10.25 (260)	8.25 (209)	0.25 (6)	13.41 (341)	11.20 (284)	9.23 (234)	0.31 (8)	6.50
FRCJHP121208	13.56 x 13.38 x 7.73 (344 x 340 x 196)	11.70 x 11.70 x 7.48 (297 x 297 x 190)	12.75 x 10.00 (324 x 254)	6.90 (175)	10.25 (260)	10.25 (260)	0.25 (6)	13.38 (340)	11.17 (284)	11.17 (284)	0.31 (8)	7.40
FRCJS141208 FRCJHS141208 FRCJHP141208	15.50 x 13.38 x 7.69 (394 x 340 x 195)	13.53 x 11.55 x 7.45 (344 x 293 x 189)	14.62 x 10.00 (371 x 254)	6.87 (174)	12.25 (311)	10.25 (260)	0.25 (6)	15.42 (392)	13.20 (335)	11.16 (284)	0.31 (8)	8.50
FRCJS161408 FRCJHS161408 FRCJHP161408	17.53 x 15.43 x 7.71 (445 x 392 x 196)	15.63 x 13.60 x 7.45 (397 x 345 x 189)	16.75 x 12.00 (425 x 305)	6.87 (174)	14.25 (362)	12.25 (311)	0.25 (6)	17.43 (443)	15.20 (386)	13.24 (336)	0.31 (8)	11.50
FRCJS181610 FRCJHS181610 FRCJHP181610	19.62 x 17.48 x 10.62 (498 x 444 x 270)	17.69 x 15.69 x 10.31 (449 x 399 x 262)	18.88 x 12.00 (479 x 305)	9.86 (250)	16.25 (413)	14.25 (362)	0.25 (6)	19.49 (495)	17.25 (438)	15.25 (387)	0.31 (8)	19.25
FRCJS201610 FRCJHS201610 FRCJHP201610	22.00 x 17.56 x 10.64 (559 x 446 x 270)	19.72 x 15.72 x 10.33 (501 x 399 x 262)	21.25 x 10.00 (540 x 254)	9.87 (251)	18.25 (464)	14.25 (362)	0.25 (6)	21.56 (548)	19.31 (490)	15.39 (391)	0.31 (8)	20.25

Fiberglass Enclosures

Xtra Deep Series

The Xtra Deep Series offers a solution for applications requiring an extra deep enclosure. The deep, durable enclosure has nearly equal capacity in both the cover and the base, giving you ample room for your cover or mounting plate components. The fiberglass-reinforced polyester enclosure with flange mount base, stainless steel hardware and poured polyurethane seamless gasket provides exceptional corrosion and chemical resistance in a watertight and dusttight environmental seal. The Xtra Deep Series will hold up under the most extreme applications and provide protection and reliability in high end electronics applications, harsh corrosive environments and industrial applications, both indoors and out.

Features:

- Memory retaining continuous polyurethane gasket
- Integral mounting flange
- Molded in panel mounting inserts
- Chemical-resistant fiberglass-reinforced polyester
- Non-corrosive design
- Full length stainless steel hinge
- Watertight, dusttight
- Non-conductive, impact-resistant, UV-resistant
- Material cuts, drills, punches and saws with ease and accuracy
- Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- Smooth surface, no color variations, swirls or color pockets, no voids

Certifications and Compliances:

- UL/cUL 50, Types 1, 3, 4X, 12
- UL File No. E-57656
- CSA Std. C22.2 - File 244248 Types 1, 3, 4X, 12
- NEMA Standard 250 - Types 1, 3, 4X, 12
- Temperature range: -76°F to +250°F (-60°C to +120°C)
- Flammability rating: UL94-5V
- Non-flame propagating



Standard Materials and Finishes:

- Hot compression molded fiberglass-reinforced thermoset polyester
- Poured polyurethane seamless gasket provides watertight, dusttight environmental seal
- 304 stainless steel used on all external hardware
- Molded in mounting flange
- Panel mounting capability for fixed rear panel
- Bosses utilize threaded brass inserts accepting 10-32 screws



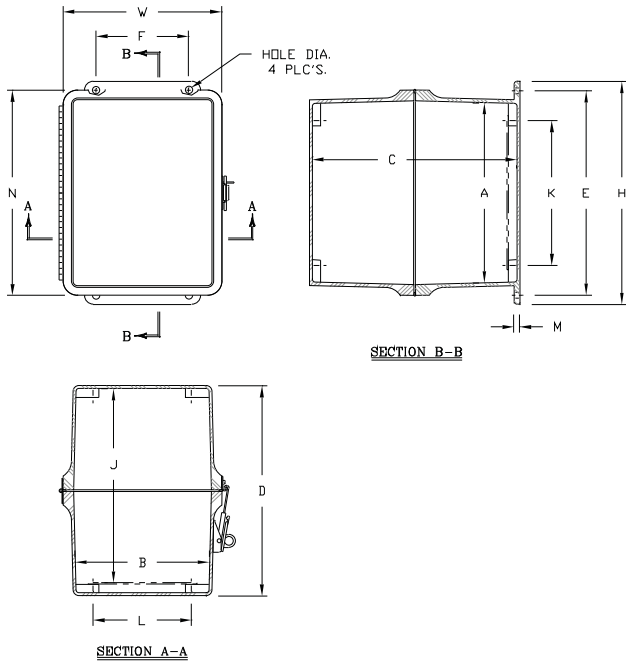
Inside H x W x D	Cat. # Padlockable Twist Latch	Cat. # Mounting Plate*
7.73 x 5.74 x 8.82	FXDJ080608	FMP0806
7.73 x 7.73 x 9.18	FXDJ080808	FMP0808
9.73 x 7.73 x 7.84	FXDJ100808	FMP1008
11.79 x 9.80 x 9.81	FXDJ121010	FMP1210
11.70 x 11.70 x 12.12	FXDJ121212	FMP1212
13.50 x 11.55 x 11.81	FXDJ141212	FMP1412
15.63 x 13.60 x 11.81	FXDJ161412	FMP1614
17.69 x 15.69 x 16.81	FXDJ181617	FMP1816
19.71 x 15.71 x 16.81	FXDJ201617	FMP2016

*Available in: aluminum (SA), fiberglass (FG), carbon steel (C) and 304 stainless steel (SS). To order, add the suffix to the end of the catalog number.

Fiberglass

Fiberglass Enclosures Xtra Deep Series

Dimensional Drawings:



Configuration Dimensions (in Inches (mm)):

Cat. #	Overall H x W x D	Inside A x B x C	Mounting E x F	J	K	L	M	N	Hole Dia.	Weight (Lbs.)
FXDJ080608	9.62 x 6.84 x 9.07 (244 x 174 x 230)	7.73 x 5.74 x 8.82 (196 x 146 x 224)	8.88 x 4.00 (225 x 101)	8.37 (213)	6.25 (159)	4.25 (108)	0.25 (6)	8.87 (225)	0.31 (8)	4
FXDJ080808	9.56 x 8.84 x 9.43 (243 x 224 x 239)	7.73 x 7.73 x 9.18 (196 x 196 x 233)	8.75 x 6.00 (222 x 152)	8.60 (219)	6.25 (159)	6.25 (159)	0.25 (6)	8.84 (224)	0.31 (8)	5
FXDJ100808	11.62 x 8.81 x 8.09 (295 x 224 x 206)	9.73 x 7.73 x 7.84 (247 x 196 x 199)	10.75 x 6.00 (273 x 152)	7.39 (188)	8.25 (209)	6.25 (159)	0.25 (6)	10.86 (276)	0.31 (8)	6
FXDJ121010	13.56 x 10.83 x 10.06 (344 x 275 x 256)	11.79 x 9.80 x 9.81 (299 x 249 x 249)	12.75 x 8.00 (324 x 203)	9.36 (238)	10.25 (260)	8.25 (209)	0.25 (6)	12.95 (329)	0.31 (8)	8
FXDJ121212	13.56 x 12.84 x 12.37 (344 x 326 x 314)	11.70 x 11.70 x 12.12 (297 x 297 x 308)	12.75 x 10.00 (324 x 254)	11.54 (293)	10.25 (260)	10.25 (260)	0.25 (6)	12.84 (326)	0.31 (8)	9
FXDJ141212	15.50 x 12.83 x 12.06 (394 x 326 x 306)	13.50 x 11.55 x 11.81 (343 x 293 x 300)	14.62 x 10.00 (371 x 254)	11.23 (285)	12.25 (311)	10.25 (260)	0.25 (6)	14.88 (378)	0.31 (8)	12
FXDJ161412	17.53 x 14.88 x 12.05 (445 x 378 x 306)	17.53 x 14.88 x 12.05 (445 x 378 x 306)	16.75 x 12.00 (425 x 305)	11.23 (285)	14.25 (362)	12.25 (311)	0.25 (6)	16.95 (431)	0.31 (8)	14
FXDJ181617	19.62 x 16.91 x 17.19 (498 x 429 x 436)	17.69 x 15.69 x 16.81 (449 x 398 x 427)	18.88 x 12.00 (479 x 305)	16.36 (415)	16.25 (413)	14.25 (362)	0.25 (6)	18.91 (480)	0.31 (8)	22
FXDJ201617	22.00 x 17.00 x 17.21 (558 x 431 x 437)	19.71 x 15.71 x 16.81 (501 x 399 x 427)	21.25 x 10.00 (540 x 254)	16.36 (415)	18.25 (464)	14.25 (362)	0.25 (6)	21.00 (533)	0.31 (8)	25

Fiberglass Enclosures Advantage Series

The Advantage Series is our most extensive selection of durable industrial non-metallic boxes. Available in a wide range of options, the Advantage Series is available in over 36 various configurations with options such as stainless steel hinges or stainless steel pull latches each with or without clear covers. These enclosures are made of fiberglass-reinforced polyester and have a poured polyurethane seamless gasket that provides a watertight and dusttight environmental seal for exceptional corrosion and chemical resistance. The resilient Advantage Series will provide high impact resistance in the most extreme conditions and provide protection and reliability in the most adverse applications.



Features:

- Memory retaining continuous polyurethane gasket
- No penetrating hardware
- Chemical-resistant fiberglass-reinforced polyester
- Non-corrosive design
- Watertight, dusttight
- Non-conductive, impact-resistant, UV-resistant
- Material cuts, drills, punches and saws with ease and accuracy
- Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- Smooth surface, no color variations, swirls or color pockets, no voids

Standard Materials and Finishes:

- Hot compression molded fiberglass-reinforced thermoset polyester
- Poured polyurethane seamless gasket provides watertight, dusttight environmental seal
- 304 stainless steel used on all external hardware
- Panel mounting capability for fixed rear panel
- Bosses utilize threaded brass inserts accepting 10-32 screws

Certifications and Compliances:

- UL/cUL 50, Types 1, 3, 3S, 4X, 12, 13
- UL File No. E-57656
- CSA Std. C22.2 - File 244248 Types 1, 3, 3S, 4X, 12, 13
- NEMA Standard 250 - Types 1, 3, 3S, 4X, 12, 13
- Temperature range: -76°F to +250°F (-60°C to +120°C)
- Flammability rating: UL94-5V
- Non-flame propagating
- IP66

Options:

- | Description | Cat. # |
|--|------------|
| • Mounting feet kit for field installation | FAMTGFTKIT |



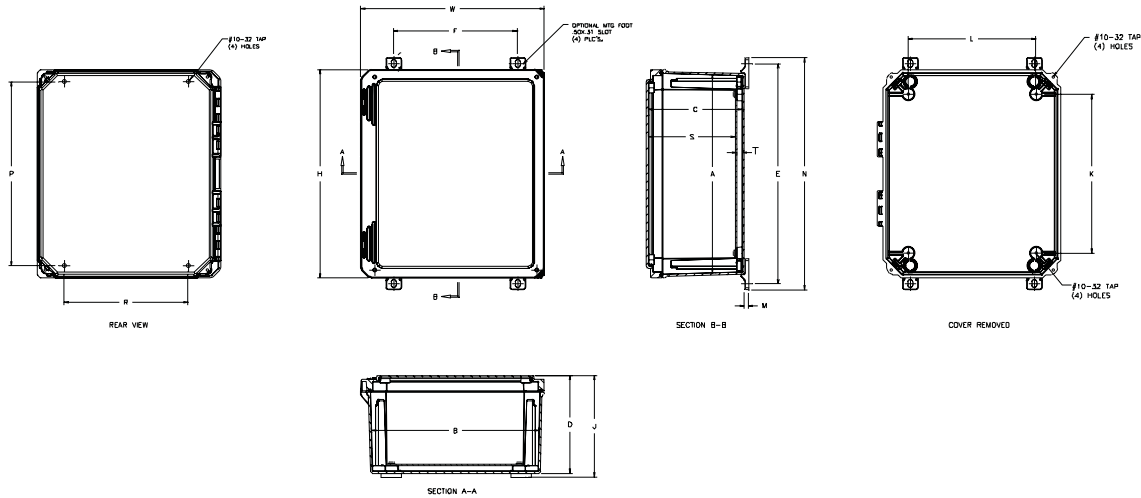
Inside H x W x D	Cat. # Two Cover Screws with Hinged Cover	Cat. # Hinged Cover with Padlock Latch	Cat. # Two Cover Screws with Clear Hinged Cover	Cat. # Hinged Cover with Padlock Latch	Cat. # Cover Panel with Mounting Hardware	Cat. # Mounting Plate*
7.41 x 7.79 x 4.31	FAHS060604	FAHP060604	FAHSCC060604	FAHPCC060604	FACP0606SA	FMP0606
9.41 x 7.79 x 4.31	FAHS080604	FAHP080604	FAHSCC080604	FAHPCC080604	FACP0806SA	FMP0806
9.39 x 9.76 x 4.31	FAHS080804	FAHP080804	FAHSCC080804	FAHPCC080804	FACP0808SA	FMP0808
11.42 x 9.79 x 6.31	FAHS100806	FAHP100806	FAHSCC100806	FAHPCC100806	FACP1008SA	FMP1008
13.45 x 11.83 x 6.31	FAHS121006	FAHP121006	FAHSCC121006	FAHPCC121006	FACP1210SA	FMP1210
15.49 x 13.86 x 6.34	FAHS141206	FAHP141206	FAHSCC141206	FAHPCC141206	FACP1412SA	FMP1412
15.49 x 13.86 x 8.34	FAHS141208	FAHP141208	FAHSCC141208	FAHPCC141208	FACP1412SA	FMP1412
17.58 x 15.96 x 8.34	FAHS161408	FAHP161408	FAHSCC161408	FAHPCC161408	FACP1614SA	FMP1614
19.77 x 18.15 x 10.34	FAHS181610	FAHP181610			FACP1816SA	FMP1816
21.79 x 18.16 x 10.34	FAHS201610	FAHP201610			FACP2016SA	FMP2016

* Available in: aluminum (SA), fiberglass (FG), carbon steel (C) and 304 stainless steel (SS). To order, add the suffix to the end of the catalog number.

Fiberglass

Fiberglass Enclosures Advantage Series

Dimensional Drawings:



Configuration Dimensions (in Inches (mm)):

Cat. #	Overall H x W x D	Inside A x B x C	Mounting P x R	K	L	S	T	Opt. Mtg. Feet E x F	N	J	M	Weight (Lbs.)
FAHS060604 FAHP060604 FAHSCC060604 FAHPCC060604	7.41 H (188.3) 7.79 W (197.9) 4.31 D (109.5)	6.77 x 6.77 x 4.06 (171.9 x 171.9 x 103.2)	5.93 x 4.00 (150.6 x 101.6)	4.25 (108)	4.25 (108)	3.60 (91.5)	0.38 (9.6)	8.24 x 4.00 (209.2 x 101.6)	9.02 (229.0)	4.56 (115.8)	0.25 (6.35)	2.5
FAHS080604 FAHP080604 FAHSCC080604 FAHPCC080604	9.41 H (239.1) 7.79 W (197.9) 4.31 D (109.5)	8.77 x 6.77 x 4.06 (222.7 x 171.9 x 103.2)	7.91 x 4.00 (200.9 x 101.6)	6.25 (159)	4.25 (108)	3.60 (91.5)	0.38 (9.6)	10.21 x 4.00 (259.3 x 101.6)	10.98 (279.0)	4.56 (115.8)	0.25 (6.35)	3.0
FAHS080804 FAHP080804 FAHSCC080804 FAHPCC080804	9.39 H (238.5) 9.76 W (248.0) 4.31 D (109.5)	8.74 x 8.74 x 4.06 (222.1 x 222.1 x 103.2)	7.91 x 6.00 (200.9 x 152.4)	6.25 (159)	6.25 (159)	3.60 (91.5)	0.38 (9.6)	10.21 x 6.00 (259.3 x 152.4)	10.98 (279.0)	4.56 (115.8)	0.25 (6.35)	3.5
FAHS100806 FAHP100806 FAHSCC100806 FAHPCC100806	11.42 H (290.1) 9.79 W (248.6) 6.31 D (160.3)	10.73 x 8.73 x 6.06 (272.5 x 221.7 x 153.9)	9.89 x 6.00 (251.2 x 152.4)	8.25 (210)	6.25 (159)	5.60 (142.3)	0.38 (9.6)	12.19 x 6.00 (309.6 x 152.4)	12.96 (329.3)	6.56 (166.6)	0.25 (6.35)	4.5
FAHS121006 FAHP121006 FAHSCC121006 FAHPCC121006	13.45 H (341.6) 11.83 W (300.5) 6.31 D (160.3)	12.69 x 10.69 x 6.06 (322.3 x 271.5 x 153.9)	11.88 x 8.00 (301.7 x 203.2)	10.25 (260)	8.25 (210)	5.60 (142.3)	0.38 (9.6)	14.18 x 8.00 (360.2 x 203.2)	14.95 (379.7)	6.56 (166.6)	0.25 (6.35)	6.0
FAHS141206 FAHP141206 FAHSCC141206 FAHPCC141206	15.49 H (393.4) 13.86 W (352.0) 6.34 D (161.0)	14.72 x 12.72 x 6.06 (373.9 x 323.1 x 153.9)	13.91 x 10.00 (353.3 x 254.0)	12.25 (311)	10.25 (260)	5.60 (142.3)	0.38 (9.6)	16.21 x 10.00 (411.7 x 254.0)	16.98 (431.4)	6.59 (167.4)	0.25 (6.35)	8.0
FAHS141208 FAHP141208 FAHSCC141208 FAHPCC141208	15.49 H (393.4) 13.86 W (352.0) 8.34 D (211.8)	14.66 x 12.66 x 8.06 (372.4 x 321.6 x 204.7)	13.88 x 10.00 (352.5 x 254.0)	12.25 (311)	10.25 (260)	7.60 (193.2)	0.38 (9.6)	16.19 x 10.00 (411.2 x 254.0)	16.96 (430.9)	8.59 (218.2)	0.25 (6.35)	9.5
FAHS161408 FAHP161408 FAHSCC161408 FAHPCC161408	17.58 H (446.6) 15.96 W (405.4) 8.34 D (211.8)	16.69 x 14.69 x 8.06 (424.0 x 373.1 x 204.7)	15.96 x 12.00 (405.4 x 304.8)	14.25 (362)	12.25 (311)	7.60 (193.2)	0.38 (9.6)	18.26 x 12.00 (464.0 x 304.8)	19.04 (483.5)	8.59 (218.2)	0.25 (6.35)	11.5
FAHS181610 FAHP181610	19.77 H (502.2) 18.15 W (461.0) 10.34 D (262.6)	18.63 x 16.63 x 10.06 (473.2 x 422.4 x 255.5)	17.94 x 14.00 (455.6 x 355.6)	16.25 (413)	14.25 (362)	9.60 (243.9)	0.38 (9.6)	20.24 x 14.00 (514.3 x 355.6)	21.02 (533.8)	10.59 (268.9)	0.25 (6.35)	16.0
FAHS201610 FAHP201610	21.79 H (553.5) 18.16 W (461.2) 10.34 D (262.6)	20.63 x 16.63 x 10.06 (524.0 x 422.4 x 255.5)	19.96 x 14.00 (506.9 x 355.6)	18.25 (463)	14.25 (362)	9.59 (243.7)	0.38 (9.6)	22.26 x 14.00 (565.6 x 355.6)	23.04 (585.1)	10.59 (268.9)	0.25 (6.35)	17.5

Fiberglass Enclosures

Wall Mount & Large Fiberglass Enclosure Series

The Wall Mount and Large Fiberglass Enclosure Series offers a solution for applications requiring a large enclosure especially suited for indoor or outdoor use and to provide protection against falling dirt, rain, sleet, snow and windblown dust. The fiberglass-reinforced polyester Wall Mount Series is available in NEMA 3R and 4X configurations and the poured polyurethane seamless gasket provides a watertight and dusttight environmental seal for exceptional corrosion and chemical resistance.

Features:

- Memory retaining continuous polyurethane gasket
- Lightweight
- Integral mounting feet
- Molded in panel mounting inserts
- Stainless steel full length continuous hinge
- Built-in padlock hasp
- Chemical-resistant fiberglass-reinforced polyester
- Watertight, dusttight
- Non-conductive, impact-resistant, UV-resistant
- Rain shield protection against incidental water ingress for NEMA 3R enclosures
- Material cuts, drills, punches and saws with ease and accuracy
- Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- Smooth surface, no color variations, swirls or color pockets, no voids

Certifications and Compliances:

3R Series

- UL/cUL 50, Types 1, 3R
- UL File No. E-57656
- CSA Std. C22.2 - File 244248 Types 1, 3R
- NEMA Standard 250 - Types 1, 3R
- Temperature range: -76°F to +250°F (-60°C to +120°C)
- Flammability rating: UL94-5V
- Non-flame propagating

4X Series

- UL/cUL 50, Types 1, 3, 3R, 4X, 12
- UL File No. E-57656
- CSA Std. C22.2 - File 244248 Types 1, 3, 3R, 4X, 12
- NEMA Standard 250 - Types 1, 3, 3R, 4X, 12
- Temperature range: -76°F to +250°F (-60°C to +120°C)
- Flammability rating: UL94-5V
- Non-flame propagating

Large Fiberglass

- UL/cUL 50, Types 1, 3, 3R, 4X, 12
- UL File No. E-57656
- CSA Std. C22.2 - File 244248 Types 1, 3, 3R, 4X, 12
- NEMA Standard 250 - Types 1, 3, 3R, 4X, 12
- IP55, IP66
- Temperature range: -76°F to +250°F (-60°C to +120°C)
- Flammability rating: UL94-5V
- Non-flame propagating



Standard Materials and Finishes:

- Hot compression molded fiberglass-reinforced polyester hand lay-up FRP
- Poured polyurethane seamless gasket provides watertight, dusttight environmental seal
- 304 stainless steel used on all external hardware
- Bosses utilize threaded brass inserts accepting 10-32 screws

Fiberglass Enclosures

Wall Mount & Large Fiberglass Enclosure Series



Inside H x W x D	Cat. # Stainless Steel Hinged, Latched Down Cover	Cat. # Mounting Plate*
15.92 x 10.27 x 8.53	F4WMSHL161007	FMPWWM1610
19.70 x 16.04 x 13.24	F4WMSHL201612	FMPWWM2016
24.00 x 12.87 x 7.33	F4WMSHL241206	FMPWWM2412
24.00 x 12.87 x 11.33	F4WMSHL241210	FMPWWM2412
24.05 x 20.39 x 9.25	F4WMSHL242008	FMPWWM2420
24.05 x 24.39 x 11.25	F4WMSHL242410	FMPWWM2424
24.05 x 24.39 x 13.25	F4WMSHL242412	FMPWWM2424
29.90 x 20.14 x 7.23	F4WMSHL302006	FMPWWM3020
29.90 x 20.14 x 9.23	F4WMSHL302008	FMPWWM3020
29.90 x 20.14 x 11.23	F4WMSHL302010	FMPWWM3020
29.90 x 20.14 x 13.23	F4WMSHL302012	FMPWWM3020
30.46 x 25.47 x 8.12	F4WMSHL302407	FMPWWM3024
30.46 x 25.47 x 11.27	F4WMSHL302410	FMPWWM3024
30.46 x 25.47 x 13.10	F4WMSHL302412	FMPWWM3024
36.31 x 31.69 x 9.36	F4WMSHL363008	FMPWWM3630
36.31 x 31.69 x 11.36	F4WMSHL363010	FMPWWM3630
36.31 x 31.69 x 13.36	F4WMSHL363012	FMPWWM3630



19.70 x 16.04 x 7.24	F3WMSHL201606	FMPWWM2016
24.05 x 24.39 x 11.25	F3WMSHL242410	FMPWWM2424
29.90 x 20.14 x 9.23	F3WMSHL302008	FMPWWM3020
29.90 x 20.14 x 11.23	F3WMSHL302010	FMPWWM3020
30.46 x 25.47 x 11.27	F3WMSHL302410	FMPWWM3024
30.46 x 25.47 x 13.10	F3WMSHL302412	FMPWWM3024
36.31 x 31.69 x 9.36	F3WMSHL363008	FMPWWM3630
36.31 x 31.69 x 11.36	F3WMSHL363010	FMPWWM3630
36.31 x 31.69 x 13.36	F3WMSHL363012	FMPWWM3630
48.33 x 36.22 x 13.25	F3WMSHL483612	FMPWWM4836
48.33 x 36.22 x 17.25	F3WMSHL483616	FMPWWM4836



48.33 x 36.22 x 13.25	F4LSHL483612	FMPWWM4836
48.33 x 32.22 x 17.25	F4LSHL483616	FMPWWM4836
60.62 x 36.13 x 13.44	F4LSHL603612	FMPWWM6036
60.62 x 36.13 x 17.44	F4LSHL603616	FMPWWM6036
36.12 x 48.12 x 13.00	F4LSHLDD364812	FMPWWM3648
72.00 x 25.00 x 25.88	F4LSHLFS722525	FMPWWM7225
72.00 x 49.00 x 25.88	F4LSHLFSDD724925	FMPWWM7249

*Available in: aluminum (SA), fiberglass (FG), carbon steel (C) and 304 stainless steel (SS).
To order, add the suffix to the end of the catalog number.

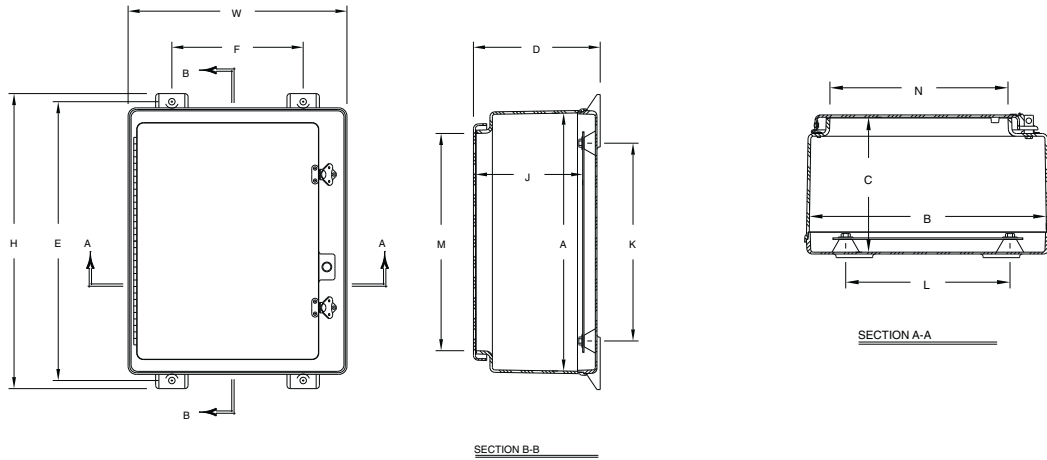
Number of Latches:

Inside Enclosure Dimensions	3R Stainless Steel Hinge	4X Stainless Steel Hinge
161007	2	2
201606 201612	2	2
241206 241210	2	2
242008	2	4
242410 242412	2	2
302006 302008 302010 302012	2	5
302407 302410 302412	2	5
363008 363010 363012	3	5
483612 483616	3	10

Fiberglass Enclosures

Wall Mount & Large Fiberglass Enclosure Series

Dimensional Drawings:



Wall Mount Series – NEMA 4X Configuration Dimensions (in Inches (mm)):

Cat. #	Overall H x W x D	Inside A x B x C	Mounting E x F	J	K	L	Enclosure Opening M x N	Weight (Lbs.)
F4WMSHL161007	18.75 x 10.96 x 9.03 (476 x 278 x 229)	15.92 x 10.27 x 8.53 (404 x 261 x 217)	17.50 x 7.00 (444 x 178)	7.80 (198)	12.00 (305)	7.50 (191)	13.14 x 6.00 (334 x 152)	12
F4WMSHL201612	22.75 x 16.87 x 13.77 (578 x 429 x 350)	19.70 x 16.04 x 13.24 (500 x 407 x 336)	21.50 x 10.12 (546 x 257)	12.26 (312)	15.25 (387)	11.25 (286)	16.75 x 12.19 (425 x 310)	24
F4WMSHL241206	26.95 x 13.72 x 7.98 (685 x 348 x 203)	24.00 x 12.87 x 7.33 (610 x 327 x 186)	25.75 x 6.25 (654 x 159)	6.33 (161)	19.25 (489)	7.25 (184)	21.00 x 8.37 (533 x 213)	21
F4WMSHL241210	26.95 x 13.72 x 11.99 (685 x 348 x 304)	24.00 x 12.87 x 11.33 (610 x 327 x 288)	25.75 x 6.25 (654 x 159)	10.33 (262)	19.25 (489)	7.25 (184)	21.00 x 8.37 (533 x 213)	25
F4WMSHL242008	27.00 x 21.24 x 9.90 (686 x 539 x 252)	24.05 x 20.39 x 9.25 (611 x 518 x 235)	25.75 x 14.00 (654 x 356)	8.25 (209)	19.25 (489)	15.25 (387)	21.25 x 16.00 (540 x 406)	32
F4WMSHL242410	27.00 x 25.24 x 11.90 (686 x 641 x 302)	24.05 x 24.39 x 11.25 (611 x 619 x 286)	25.75 x 17.87 (654 x 454)	10.25 (260)	19.25 (489)	19.25 (489)	21.25 x 20.00 (540 x 508)	42
F4WMSHL242412	27.00 x 25.24 x 13.90 (686 x 641 x 353)	24.05 x 24.39 x 13.25 (611 x 619 x 336)	25.75 x 17.87 (654 x 454)	12.25 (311)	19.25 (489)	19.25 (489)	21.25 x 20.00 (540 x 508)	43
F4WMSHL302006	32.86 x 20.99 x 7.89 (835 x 533 x 200)	29.90 x 20.14 x 7.23 (760 x 511 x 184)	30.75 x 14.25 (806 x 362)	6.23 (158)	25.25 (641)	15.25 (387)	27.00 x 16.50 (686 x 419)	34
F4WMSHL302008	32.86 x 20.99 x 9.89 (835 x 533 x 251)	29.90 x 20.14 x 9.23 (760 x 511 x 234)	31.75 x 14.25 (806 x 362)	8.23 (209)	25.25 (641)	15.25 (387)	27.00 x 16.50 (686 x 419)	36
F4WMSHL302010	32.86 x 20.99 x 11.89 (835 x 533 x 302)	29.90 x 20.14 x 11.23 (760 x 511 x 285)	31.75 x 14.25 (806 x 362)	10.23 (260)	25.25 (641)	15.25 (387)	27.00 x 16.50 (686 x 419)	39
F4WMSHL302012	29.90 x 20.14 x 13.23 (760 x 511 x 336)	29.90 x 20.14 x 13.23 (760 x 511 x 336)	31.75 x 14.25 (806 x 362)	12.23 (311)	25.25 (641)	15.25 (387)	27.00 x 16.50 (686 x 419)	48
F4WMSHL302407	33.41 x 26.32 x 8.81 (849 x 668 x 224)	30.46 x 25.47 x 8.12 (774 x 647 x 206)	32.25 x 18.50 (819 x 470)	7.12 (181)	25.25 (641)	19.25 (489)	27.38 x 21.25 (695 x 540)	45
F4WMSHL302410	33.41 x 26.32 x 11.95 (849 x 668 x 304)	30.46 x 25.47 x 11.27 (774 x 647 x 286)	32.25 x 18.50 (819 x 470)	10.27 (261)	25.25 (641)	19.25 (489)	27.38 x 21.25 (695 x 540)	50
F4WMSHL302412	33.41 x 26.32 x 13.79 (849 x 668 x 350)	30.46 x 25.47 x 13.10 (774 x 647 x 333)	32.25 x 18.50 (819 x 470)	12.10 (307)	25.25 (641)	19.25 (489)	27.38 x 21.25 (695 x 540)	54
F4WMSHL363008	39.31 x 32.50 x 10.05 (999 x 826 x 255)	36.31 x 31.69 x 9.36 (922 x 805 x 238)	38.13 x 23.88 (968 x 606)	8.36 (212)	31.25 (794)	25.25 (641)	33.25 x 27.25 (845 x 692)	75
F4WMSHL363010	39.31 x 32.50 x 12.05 (999 x 826 x 306)	36.31 x 31.69 x 11.36 (922 x 805 x 289)	38.13 x 23.88 (968 x 606)	10.36 (263)	31.25 (794)	25.25 (641)	33.25 x 27.25 (845 x 692)	78
F4WMSHL363012	39.31 x 32.50 x 14.05 (999 x 826 x 357)	36.31 x 31.69 x 13.36 (922 x 805 x 339)	38.13 x 23.88 (968 x 606)	12.36 (314)	31.25 (794)	25.25 (641)	33.25 x 27.25 (845 x 692)	81

Fiberglass

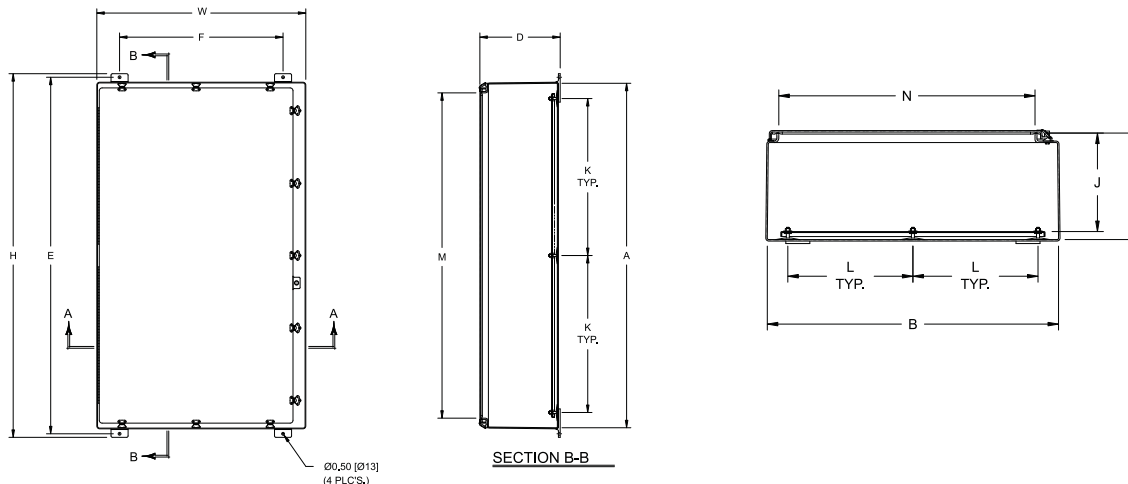
Fiberglass Enclosures

Wall Mount & Large Fiberglass Enclosure Series

Wall Mount Series – NEMA 3R Configuration Dimensions (in Inches (mm)):

Cat. #	Overall H x W x D	Inside A x B x C	Mounting E x F	J	K	L	Enclosure Opening M x N	Weight (Lbs.)
F3WMSHL201606	22.75 x 16.87 x 8.27 (578 x 429 x 210)	19.17 x 16.04 x 7.24 (500 x 407 x 184)	21.50 x 10.12 (546 x 257)	6.26 (159)	15.25 (387)	11.25 (286)	16.75 x 12.19 (425 x 310)	17
F3WMSHL242410	27.00 x 25.24 x 11.90 (686 x 641 x 302)	24.05 x 24.39 x 11.25 (611 x 619 x 286)	25.75 x 17.87 (654 x 454)	10.25 (260)	19.25 (489)	19.25 (489)	21.25 x 20.00 (540 x 508)	42
F3WMSHL302008	32.86 x 20.99 x 9.89 (835 x 533 x 251)	29.90 x 20.14 x 9.23 (760 x 511 x 234)	31.75 x 14.25 (806 x 362)	8.23 (209)	25.25 (641)	15.25 (387)	27.00 x 16.50 (686 x 419)	36
F3WMSHL302010	32.86 x 20.99 x 11.89 (835 x 533 x 302)	29.90 x 20.14 x 11.23 (760 x 511 x 285)	31.75 x 14.25 (806 x 362)	10.23 (260)	25.25 (641)	15.25 (387)	27.00 x 16.50 (686 x 419)	39
F3WMSHL302410	33.41 x 26.32 x 11.95 (849 x 668 x 304)	30.46 x 25.47 x 11.27 (774 x 647 x 286)	32.25 x 18.50 (819 x 470)	10.27 (261)	25.25 (641)	19.25 (489)	27.38 x 21.25 (695 x 540)	50
F3WMSHL302412	33.41 x 26.32 x 13.79 (849 x 668 x 350)	30.46 x 25.47 x 13.10 (774 x 647 x 333)	32.25 x 18.50 (819 x 470)	12.10 (307)	25.25 (641)	19.25 (489)	27.38 x 21.25 (695 x 540)	54
F3WMSHL363008	39.31 x 32.50 x 10.05 (999 x 826 x 255)	36.31 x 31.69 x 9.36 (922 x 805 x 238)	38.13 x 23.88 (968 x 606)	8.36 (212)	31.25 (794)	25.25 (641)	33.25 x 27.25 (845 x 692)	75
F3WMSHL363010	39.31 x 32.50 x 12.05 (999 x 826 x 306)	36.31 x 31.69 x 11.36 (922 x 805 x 289)	38.13 x 23.88 (968 x 606)	10.36 (263)	31.25 (794)	25.25 (641)	33.25 x 27.25 (845 x 692)	78
F3WMSHL363012	39.31 x 32.50 x 14.05 (999 x 826 x 357)	36.31 x 31.69 x 13.36 (922 x 805 x 339)	38.13 x 23.88 (968 x 606)	12.36 (314)	31.25 (794)	25.25 (641)	33.25 x 27.25 (845 x 692)	81

Dimensional Drawings:



NEMA 3R Dimensional Drawing
F3WMSHL483612 and F3WMSHL483616

Cat. #	Overall H x W x D	Inside A x B x C	Mounting E x F	J	K	L	Enclosure Opening M x N	Weight (Lbs.)
F3WMSHL483612	51.29 x 36.62 x 13.93 (1303 x 930 x 354)	48.33 x 36.22 x 13.25 (1228 x 920 x 336)	50.12 x 28.50 (1273 x 724)	12.25 (311)	21.63 (549)	31.25 (794)	45.25 x 32.00 (1149 x 813)	146
F3WMSHL483616	51.29 x 36.62 x 17.93 (1303 x 930 x 456)	48.33 x 32.22 x 17.25 (1228 x 920 x 438)	50.12 x 28.50 (1273 x 724)	16.25 (413)	21.63 (549)	31.25 (794)	45.25 x 32.00 (1149 x 813)	164

Wall Mount Series/NEMA 3R chart reflects the dimensional drawings from the previous page.

Fiberglass Enclosures

Wall Mount & Large Fiberglass Enclosure Series

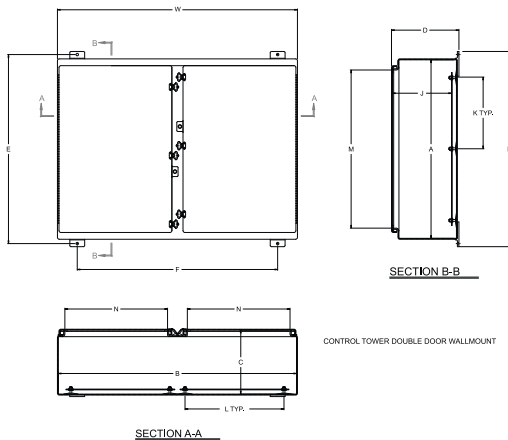
Large Fiberglass Enclosure Series – Configuration Dimensions (in Inches (mm)):

Cat. #	Overall H x W x D	Inside A x B x C	Mounting E x F	J	K	L	Enclosure Opening M x N	Weight (Lbs.)
F4LSHL483612*	51.29 x 36.62 x 13.93 (1303 x 930 x 354)	48.33 x 36.22 x 13.25 (1228 x 920 x 336)	50.12 x 28.50 (1273 x 724)	12.25 (311)	21.63 (549)	31.25 (794)	45.25 x 32.00 (1149 x 813)	146
F4LSHL483616*	51.29 x 36.62 x 17.93 (1303 x 930 x 456)	48.33 x 32.22 x 17.25 (1228 x 818 x 438)	50.12 x 28.50 (1273 x 724)	16.25 (413)	21.63 (549)	31.25 (794)	45.25 x 32.00 (1149 x 813)	164
F4LSHL603612*	64.00 x 36.50 x 14.12 (1627 x 927 x 359)	60.62 x 36.13 x 13.44 (1540 x 918 x 341)	62.75 x 28.75 (1594 x 730)	12.44 (316)	27.63 (702)	31.25 (794)	57.25 x 32.00 (1454 x 813)	177
F4LSHL603616*	64.00 x 36.50 x 18.12 (1627 x 927 x 460)	60.62 x 36.13 x 17.44 (1540 x 918 x 443)	62.75 x 28.75 (1594 x 730)	16.44 (418)	27.63 (702)	31.25 (794)	57.25 x 32.00 (1454 x 813)	198
F4SHLDD364812	39.50 x 48.50 x 13.62 (1003 x 1232 x 346)	36.12 x 48.12 x 13.00 (917 x 1222 x 330)	38.25 x 40.50 (972 x 1029)	11.94 (303)	14.50 (368)	20.00 (508)	32.00 x 20.75 (813 x 527)	146
F4SHLFS722525	72.50 x 25.50 x 26.38 (1842 x 648 x 492)	72.00 x 25.00 x 25.88 (1829 x 635 x 657)		24.88 (632)	15.50 (394)	19.00 (483)	64.75 x 21.00 (1645 x 533)	226
F4SHLFSDD724925	72.50 x 49.50 x 26.38 (1842 x 1257 x 670)	72.00 x 49.00 x 25.88 (1829 x 1245 x 657)		24.88 (632)	15.50 (394)	20.00 (508)	64.75 x 21.00 (1645 x 533)	350

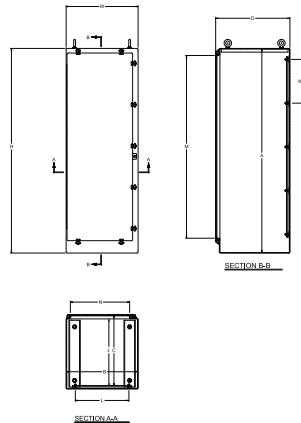
*F4LSHL483612, F4LSHL483616, F4LSHL603612 and F4LSHL603616 reflective of the above chart.

Wall Mount & Large Fiberglass Enclosures Series – Dimensional Drawings:

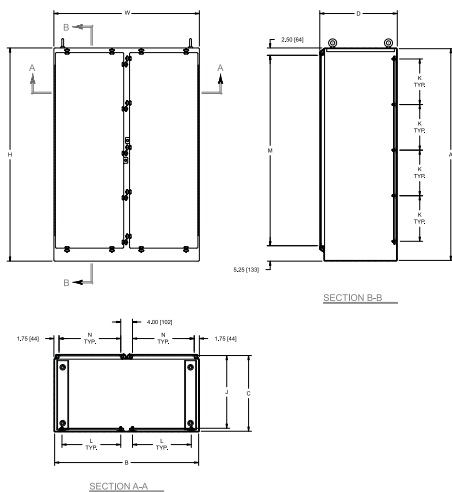
F4LSHDD364812



F4LSHLFS722525



F4LSHLFSDD724925



Fiberglass Enclosures Disconnect & Circuit Breaker Series

The Disconnect and Circuit Breaker Series is used in larger industrial control systems and machine tool control panels where a disconnect is desirable in extreme environmental conditions. This durable NEMA 4X rated enclosure provides protection from falling dirt, rain, sleet, snow, windblown dust, splashing water and hose-directed water, and will be undamaged by the external formation of ice on the enclosure. The poured polyurethane seamless gasket and fiberglass-reinforced polyester enclosure provides exceptional corrosion and chemical resistance in adverse conditions.

Features:

- Integral mounting feet
- Stainless steel full length continuous hinge
- Padlockable in off position
- Lightweight
- Memory retaining continuous polyurethane gasket
- Molded in panel mounting inserts
- Chemical-resistant fiberglass-reinforced polyester
- Non-corrosive design
- Environmentally sealed Type 4X disconnect handle
- Watertight, dusttight
- Non-conductive, impact-resistant, UV-resistant
- Material cuts, drills, punches and saws with ease and accuracy
- Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- Smooth surface, no color variations, swirls or color pockets, no voids

Certifications and Compliances:

- UL/cUL 50, Types 1, 3, 3R, 4X, 12
- UL File No. E-57656
- CSA Std. C22.2 - File 244248 Types 1, 3, 3R, 4X, 12
- NEMA Standard 250 - Types 1, 3, 3R, 4X, 12
- Temperature range: -76°F to +250°F (-60°C to +120°C)
- Flammability rating: UL94-5V
- Non-flame propagating



Standard Materials and Finishes:

- Hot compression molded fiberglass-reinforced thermoset polyester
- Poured polyurethane seamless gasket
- 304 stainless steel used on all external hardware
- Panel mounting capability for fixed rear panel
- Bosses utilize threaded brass inserts

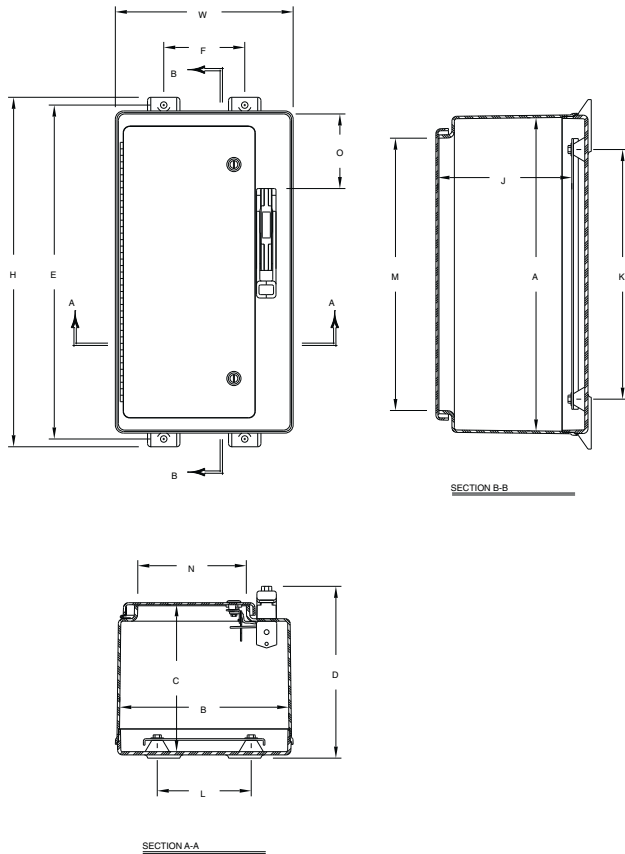


Inside H x W x D	Cat. # Disconnect	Cat. # Mounting Plate*
20.00 x 16.00 x 9.00	FDC201608	FMPC2016
24.00 x 12.00 x 11.00	FDC241212	FMPC2412
24.00 x 24.00 x 11.00	FDC242412	FMPC2424
30.00 x 24.00 x 11.00	FDC302412	FMPC3024
36.00 x 30.00 x 11.00	FDC363012	FMPC3630

*Available in: aluminum (SA), fiberglass (FG), carbon steel (C) and 304 stainless steel (SS). To order, add the suffix to the end of the catalog number.

Fiberglass Enclosures Disconnect & Circuit Breaker Series

Dimensional Drawings:



Configuration Dimensions (in Inches (mm)):

Cat. #	Overall H x W x D	Inside A x B x C	Mounting E x F	J	K	L	Enclosure Opening M x N	O	Weight (Lbs.)
FDC201608	22.75 x 16.87 x 11.00 (578 x 429 x 279)	19.70 x 16.04 x 9.24 (500 x 407 x 235)	21.50 x 10.12 (546 x 257)	8.26 (210)	15.25 (387)	11.25 (286)	16.75 x 12.19 (425 x 310)	3.50 (89)	23
FDC241212	26.95 x 13.72 x 13.25 (685 x 348 x 337)	24.00 x 12.87 x 11.33 (610 x 327 x 288)	25.75 x 6.25 (654 x 159)	10.33 (262)	19.25 (489)	7.25 (184)	21.00 x 8.37 (533 x 213)	5.75 (146)	26
FDC242412	27.00 x 25.24 x 13.19 (686 x 641 x 335)	24.05 x 24.39 x 11.25 (611 x 619 x 286)	25.75 x 17.87 (654 x 454)	10.25 (260)	19.25 (489)	19.25 (489)	21.25 x 20.00 (540 x 508)	5.75 (146)	40
FDC302412	33.41 x 26.32 x 13.19 (849 x 668 x 335)	30.46 x 25.47 x 11.27 (774 x 647 x 286)	32.25 x 18.50 (819 x 470)	10.27 (261)	25.25 (641)	19.25 (489)	27.38 x 21.25 (695 x 540)	12.25 (311)	51
FDC363012	39.31 x 32.50 x 13.31 (999 x 826 x 338)	36.31 x 31.69 x 11.36 (922 x 805 x 289)	38.13 x 23.88 (968 x 606)	10.36 (263)	31.25 (794)	25.25 (641)	33.25 x 27.50 (845 x 692)	12.25 (311)	79

*Disconnect, fuse block, breaker, yoke, switches or other internal components are not furnished with enclosure.

Fiberglass

Fiberglass Enclosures Accessories

DRAIN & BREATHER VENT



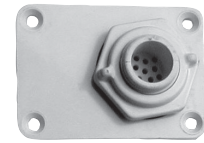
CHDV
(Drain Vent)



CHDVKIT
(Drain Vent Kit)

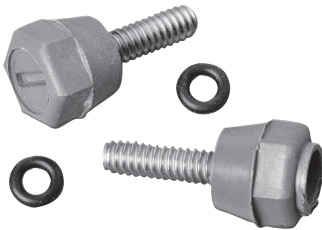


CHDVKIT4X
(Drain Vent Kit 4X)



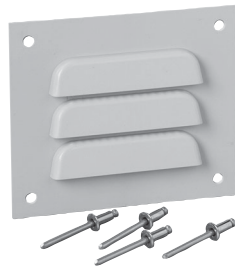
CHBVKIT4X
(Breather Vent Kit 4X)

ENCAPSULATED SCREWS



CHENCAP2PK
CHENCAP4PK

LOUVER PLATE VENT



CHLP1
CHLPKIT

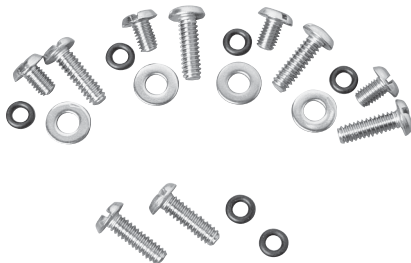


CARRYING HANDLE



CHHANDLE

STAINLESS STEEL SCREWS



CHSS2PK
CHSS4PK

CORROSION INHIBITOR



CHCI21
Radius of Protection: 2 ft.
Normal Life Span: 1 yr.

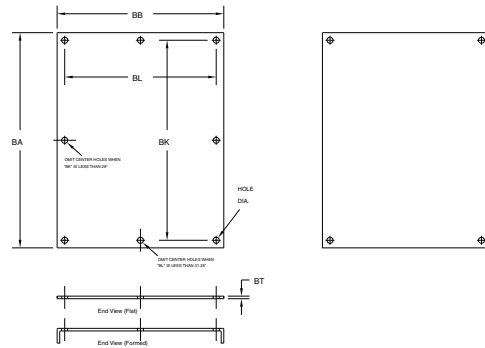
Fiberglass Enclosures Accessories

FIBERGLASS HOLE PLUG ASSEMBLY



Cat. #	Fits	Hole Dia. Range
FPLG1KIT	1/2" Dia. Hole	0.50" - 0.56"
	5/8" Dia. Hole	0.63" - 0.69"
	3/4" Dia. Hole	0.75" - 0.81"
FPLG2KIT	22mm Pushbutton	0.88" - 1.00"
	1/2" Conduit	1.06" - 1.12"
	3/4" Conduit	1.22" - 1.28"
FPLG3KIT	1" Conduit	1.38" - 1.50"
	1 1/4" Conduit	1.69" - 1.75"
FPLG4KIT	1 1/2" Conduit	2.00" - 2.12"
	2" Conduit	2.50" - 2.56"
FPLG5KIT	2 1/2" Conduit	3.00"
FPLG6KIT	3" Conduit	3.62"
FPLG7KIT	3 1/2" Conduit	4.12"
FPLG8KIT	4" Conduit	4.62"

Fiberglass Enclosure Mounting Plate Options:



**Aluminum (SA)
Back Panels**
Grade Aluminum
3003 H14 – No Finish

**Fiberglass (FG)
Back Panels**
All FG Back Panels
UL 94 V-0 Rated

**Stainless Steel (SS)
Back Panels**
Stainless Steel
Grade 304

**Carbon Steel (C)
Back Panels**
Carbon Steel
Grade 1010 HRS –
Painted White Enamel

Mounting Plates for Disconnect & Circuit Breaker Dimensions:

Only Available in Carbon Steel (Suffix C)	BA	BB	BK	BL	Panel Thickness BT	Panel Type	Hole Dia.	No. of Holes	Weight (Lbs.) Carbon Steel (Suffix C)	Fits Typical Enclosure Size
FMPC2016	16.88 (429)	13.38 (340)	15.25 (387)	11.25 (286)	0.13 (2)	Formed	0.31 (8)	4	7.3	20 x 16 Disconnect Enclosure
FMPC2412	20.88 (530)	9.38 (238)	19.25 (489)	7.25 (184)	0.13 (2)	Formed	0.50 (13)	4	6.5	24 x 12 Disconnect Enclosure
FMPC2424	20.88 (530)	21.38 (543)	19.25 (489)	19.25 (489)	0.13 (2)	Formed	0.50 (13)	4	14.0	24 x 24 Disconnect Enclosure
FMPC3024	26.88 (683)	21.38 (543)	25.25 (641)	19.25 (489)	0.13 (2)	Formed	0.50 (13)	4	19.0	30 x 24 Disconnect Enclosure
FMPC3630	32.88 (835)	27.38 (695)	31.25 (794)	25.25 (641)	0.13 (2)	Formed	0.50 (13)	5	27.0	36 x 30 Disconnect Enclosure

Fiberglass Enclosures Accessories

Mounting Plates for NEMA 3R, NEMA 4X & Large Fiberglass Enclosure Dimensions:

Cat. #	BA	BB	BK	BL	BT (SA)	BT (C)	Panel Type	Hole Dia.	No. of Holes	Weight (Lbs.) Aluminum (Suffix SA)	Weight (Lbs.) Carbon Steel (Suffix C)
FMPWM1610SA FMPWM1610C	13.00 (330)	8.50 (216)	12.00 (305)	7.50 (191)	0.09 (2)	0.105 (2.7)	Flat	0.31 (8)	4	1.0	3.3
FMPWM2016SA FMPWM2016C	17.00 (432)	13.00 (330)	15.25 (387)	11.25 (286)	0.09 (2)	0.105 (2.7)	Flat	0.50 (13)	4	2.0	6.7
FMPWM2412SA FMPWM2412C	21.00 (533)	9.00 (229)	19.25 (489)	7.25 (184)	0.09 (2)	0.105 (2.7)	Flat	0.50 (13)	4	4.5	8.7
FMPWM2420SA FMPWM2420C	21.00 (533)	17.00 (432)	19.25 (489)	15.25 (387)	0.13 (3)	0.105 (2.7)	Flat	0.50 (13)	4	5.0	10.8
FMPWM2424SA FMPWM2424C	21.00 (533)	21.00 (533)	19.25 (489)	19.25 (489)	0.13 (3)	0.105 (2.7)	Flat	0.50 (13)	4	5.5	13.4
FMPWM3020SA FMPWM3020C	27.00 (686)	17.00 (432)	25.25 (641)	15.25 (387)	0.13 (3)	0.105 (2.7)	Flat	0.50 (13)	4	5.8	14.0
FMPWM3024SA FMPWM3024C	27.00 (686)	21.00 (533)	25.25 (641)	19.25 (489)	0.13 (3)	0.105 (2.7)	Flat	0.50 (13)	4	7.0	17.0
FMPWM3630SA FMPWM3630C	33.00 (838)	27.00 (686)	31.25 (794)	25.25 (641)	0.13 (3)	0.105 (2.7)	Flat	0.50 (13)	4	11.0	27.0
FMPWM3636SA FMPWM3636C	31.00 (787)	33.00 (838)	29.00 (737)	31.00 (787)	0.13 (3)	0.105 (2.7)	Formed	0.50 (13)	6	13.0	33.0
FMPWM3648C	31.00 (787)	22.00 (559)	29.00 (737)	20.00 (508)	0.13 (3)	0.105 (2.7)	Flat	0.50 (13)	8	22.0	41.0
FMPWM4836SA FMPWM4836C	45.00 (1143)	33.00 (838)	43.25 (1099)	31.25 (794)	0.13 (3)	0.105 (2.7)	Formed	0.50 (13)	8	22.0	47.0
FMPWM6036SA FMPWM6036C	57.00 (1448)	33.00 (838)	55.25 (1403)	31.25 (794)	0.13 (3)	0.105 (2.7)	Formed	0.50 (13)	8	23.0	60.0
FMPWM7225C	64.00 (1626)	21.00 (533)	62.00 (1575)	19.00 (483)	0.13 (3)	0.105 (2.7)	Formed	0.50 (13)	10	30.0	43.0
FMPWM7249C	64.00 (1626)	22.00 (559)	62.00 (1575)	20.00 (508)	0.13 (3)	0.105 (2.7)	Formed	0.50 (13)	10	38.0	91.0

Mounting Plates for FSJ, FPB, FJ, FRCJ, FXDJ, FA Series Enclosures Dimensions:

Cat. #	BA	BB	BK	BL	BT (SA)	BT (FG)	BT (SS)	BT (C)	Panel Type	Hole Dia.	No. of Holes	Weight (oz.) Alum. (Suffix SA)	Weight (oz.) Fiberglass (Suffix FG)	Weight (oz.) Stainless (Suffix SS)	Weight (oz.) Carbon Steel (Suffix C)
FMP0604SA FMP0604FG FMP0604SS FMP0604C	4.88 (124)	2.88 (73)	4.25 (108)	2.25 (57)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	2	2	5	5
FMP0808SA FMP0808FG FMP0808SS FMP0808C	6.88 (175)	6.88 (175)	6.25 (159)	6.25 (159)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	5	5	15	15
FMP0906SA FMP0906FG FMP0906SS FMP0906C	8.25 (210)	4.88 (124)	7.63 (194)	4.25 (108)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	5	N/A	N/A	14
FMP1008SA FMP1008FG FMP1008SS FMP1008C	8.88 (225)	6.88 (175)	8.25 (210)	6.25 (159)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	8	8	19	21
FMP1210SA FMP1210FG FMP1210SS FMP1210C	10.88 (276)	8.88 (225)	10.25 (260)	8.25 (210)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	12	14	30	33
FMP1212SA FMP1212FG FMP1212SS FMP1212C	10.88 (276)	10.88 (276)	10.25 (260)	10.25 (260)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	16	18	37	38

Fiberglass

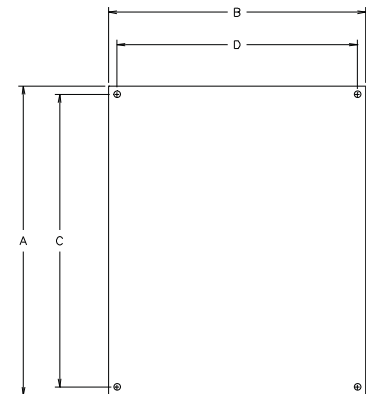
Fiberglass Enclosures Accessories

Mounting Plates for FSJ, FPB, FJ, FRCJ, FXDJ, FA Series Enclosures Dimensions:

Cat. #	BA	BB	BK	BL	BT (SA)	BT (FG)	BT (SS)	BT (C)	Panel Type	Hole Dia.	No. of Holes	Weight (oz.) Alum. (Suffix SA)	Weight (oz.) Fiberglass (Suffix FG)	Weight (oz.) Stainless (Suffix SS)	Weight (oz.) Carbon Steel (Suffix C)
FMP0606SA FMP0606FG FMP0606SS FMP0606C	4.88 (124)	4.88 (124)	4.25 (108)	4.25 (108)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	3	3	8	8
FMP0706SA FMP0706FG FMP0706SS FMP0706C	6.00 (152)	4.88 (124)	5.38 (137)	4.25 (108)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	4	N/A	N/A	10
FMP0806SA FMP0806FG FMP0806SS FMP0806C	6.88 (175)	4.88 (124)	6.25 (159)	4.25 (108)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	4	4	12	12
FMP1407SA FMP1407FG FMP1407SS FMP1407C	12.88 (327)	5.88 (149)	12.25 (311)	5.25 (133)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	14	14	32	34
FMP1412SA FMP1412FG FMP1412SS FMP1412C	12.88 (327)	10.88 (276)	12.25 (311)	10.25 (260)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	18	20	45	48
FMP1614SA FMP1614FG FMP1614SS FMP1614C	14.88 (378)	12.88 (327)	14.25 (362)	12.25 (311)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	24	23	60	66
FMP1816SA FMP1816FG FMP1816SS FMP1816C	16.88 (429)	14.88 (378)	16.25 (413)	14.25 (362)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	31	32	88	87
FMP2016SA FMP2016FG FMP2016SS FMP2016C	18.88 (479)	14.88 (378)	18.25 (463)	14.25 (362)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	36	34	98	97

Cover Panel Dimensions:

Cat. #	A	B	C	D	Panel Thk.	Panel Type	Hole Dia.	No. of Holes
FACP0606SA	5.64 (143)	5.64 (143)	5.02 (127)	5.02 (127)	0.080 (2)	Flat	0.25 (6)	4
FACP0806SA	7.68 (195)	5.64 (143)	7.05 (179)	5.02 (127)	0.080 (2)	Flat	0.25 (6)	4
FACP0808SA	7.68 (195)	7.68 (195)	7.05 (179)	7.05 (179)	0.080 (2)	Flat	0.25 (6)	4
FACP1008SA	9.71 (247)	7.71 (196)	9.08 (231)	7.08 (180)	0.080 (2)	Flat	0.25 (6)	4
FACP1210SA	11.74 (298)	9.74 (247)	11.12 (282)	9.12 (232)	0.080 (2)	Flat	0.25 (6)	4
FACP1412SA	13.78 (350)	11.78 (299)	13.15 (334)	11.15 (283)	0.080 (2)	Flat	0.25 (6)	4
FACP1614SA	15.81 (402)	13.81 (351)	15.18 (386)	13.18 (334)	0.080 (2)	Flat	0.25 (6)	4
FACP1816SA	17.94 (456)	15.94 (405)	17.31 (440)	15.31 (389)	0.080 (2)	Flat	0.25 (6)	4
FACP2016SA	19.76 (502)	15.76 (400)	19.13 (486)	15.13 (384)	0.080 (2)	Flat	0.25 (6)	4



Note: Cover panel kit includes cover panel and mounting hardware.

Fiberglass Enclosures

Custom-built Solutions for Fast Delivery

CUSTOM MODIFICATION OFFERING

Please consult the factory for a quotation on the following custom modifications that we are pleased to offer to help meet the needs of our customers:

- Custom molded colors
- Gasketed windows for the FJ, FRC and Wall Mount Series
- Custom sizes
- Special hole patterns for drilling and tapping configurations
- Dead front and sub panels
- Silk screening capabilities
- Terminal kits and DIN rails available

CUSTOM-BUILT LIGHTING & POWER PANELBOARDS:

Motor control, power distribution products and custom control panels designed and built to our customers' unique needs and delivered when they are required.

Overview:

Fiberglass panelboards rated for outdoor NEMA 3R and 4X environments.

Ratings:

120/208V 3 Phase, 4 Wire

QOB® circuit breakers, single or two-pole 120/240 VAC; three-pole 240 VAC

Trip ratings:

- 10 to 70 amps, single-pole
- 10 to 125 amps, two-pole
- 10 to 100 amps, three-pole

480Y/277V 3 Phase, 4 Wire

EDB® circuit breakers, single or two-pole 277 VAC; three-pole 480Y/277 VAC

Trip ratings:

- 15 to 70 amps, single-pole
- 15 to 125 amps, two-pole
- 15 to 125 amps, three-pole

Certifications and Compliances:

- NEMA 1, 3, 3R, 4X, 12
- UL Standard: 67
- CSA Standard: C22.2



Gasketed Window
FJ, FRC & Wall Mount Series



Fiberglass Enclosures

Custom-built Solutions for Fast Delivery

CUSTOM-BUILT HEAVY DUTY DISCONNECTS (CIRCUIT BREAKER, FUSIBLE & NON-FUSIBLE)

Applications:

- Fiberglass Heavy Duty Disconnects are for use in disconnecting motor, lighting and other circuits

Certifications and Compliances:

- NEMA/EEMAC: 1, 3, 3R, 4X, 12
- UL Standard: 508
- CSA Standard: C22.2

Electrical Ratings Ranges:

- Three-pole, 60 Hz, 600 VAC
- Starters – NEMA sizes 0, 1, 2
- Breakers – 15-800 amp rating
- Switches – 30, 60, 100, 200 amp



CUSTOM-BUILT CONTROL STATIONS

Overview:

The Pushbutton Series offers an enclosure solution where multiple pre-drilled openings for 30mm pushbuttons are required. Enclosures are available in sizes ranging from 6" x 3" to 13.5" x 11.5" with notched keyhole design and the ability to order up to 25 holes, making this solution a perfect choice for your control station applications.

Certifications and Compliances:

- UL/cUL 50, Types 1, 3, 4X, 6P, 12
- UL Standard: 508
- CSA Std. C22.2 - File 244248 Types 1, 3, 4X, 6P, 12
- NEMA Standard 250 - Types 1, 3, 4X, 6P, 12

Electrical Ratings Ranges:

- Pushbutton stations and selector switches – heavy duty 600 VAC maximum
- Pilot lights, selector switches, pushbuttons – 120-600 VAC; 24 VAC/VDC



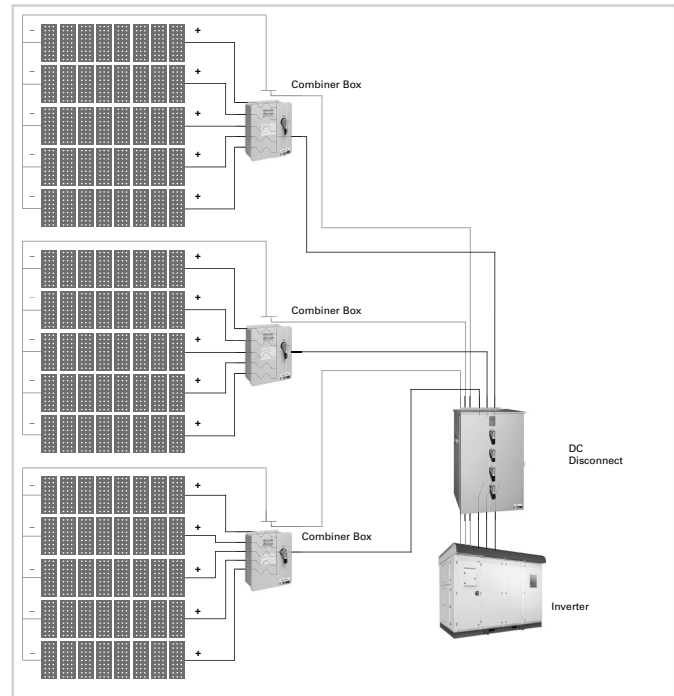
Solar Combiner Solutions

Grid-tied Solar System Information

A grid-tied solar array may be a few panels or many in series, and may range from a few 12 volt panels to high voltage multi-panel arrays for grid-tied systems. Grid-tied systems can go as high as 1000 VDC, while off-grid battery systems are typically 12, 24 or 48V.

Higher voltage systems (over 48V) have different NEC code requirements than those for low voltage battery systems, and the two types are NOT interchangeable.

Eaton's Crouse-Hinds Series Solar Combiner Boxes are designed for higher voltage circuits used in grid-tied applications. All meet NEC requirements, are made in accordance with UL1741 standards and are protected by Eaton's Bussmann® Series DC Fuses specifically designed for the protection and isolation of photovoltaic strings.



Typical Solar Grid-tied System Diagram

Eaton's Crouse-Hinds Series Solar Protection for Fiberglass Enclosures

Eaton's Crouse-Hinds Series standard NEMA 4X Solar Combiner Boxes are shipped with fiberglass enclosures. These enclosures contain a solar protection formula that gives the enclosure strength and durability to provide long, dependable service even in the most demanding environmental conditions. They retain gloss and color even when exposed to harsh UV light and offer superior resistance to chemicals and are fire retardant.

A special UV absorber is added into this solar protection formula and works to absorb UV energy and release it without damaging the fiberglass enclosure, thus providing increased protection of the polyester material and increased resistance to the damaging effects of UV radiation. For additional information on Eaton's Crouse-Hinds Series solar protection, choose fiberglass enclosures from: <http://www.crouse-hinds.com>.

How to Size a Solar Combiner*:

1. Current Inputs:

a. Eaton provides a "Max. Short Circuit Current Rating per String" (Isc) for use as a direct comparison between the published Isc of the PV module. De-rating requirements per Article 690 of the NEC are applied and should be used to make a direct comparison with the PV module Isc ratings (i.e. CCBF12 has an Isc rating of 9.6A. PV modules with Isc ratings at or below 9.6A would be acceptable). For additional information, consult the electrical ratings table found in the technical section of this brochure.

2. Ratings:

a. Voltage: (600 VDC/1000 VDC systems) – Eaton provides the total system voltage ratings to be used in comparison with the sum of the maximum number of modules in series per string. Consult NEC, ANSI and local codes when designing a system.

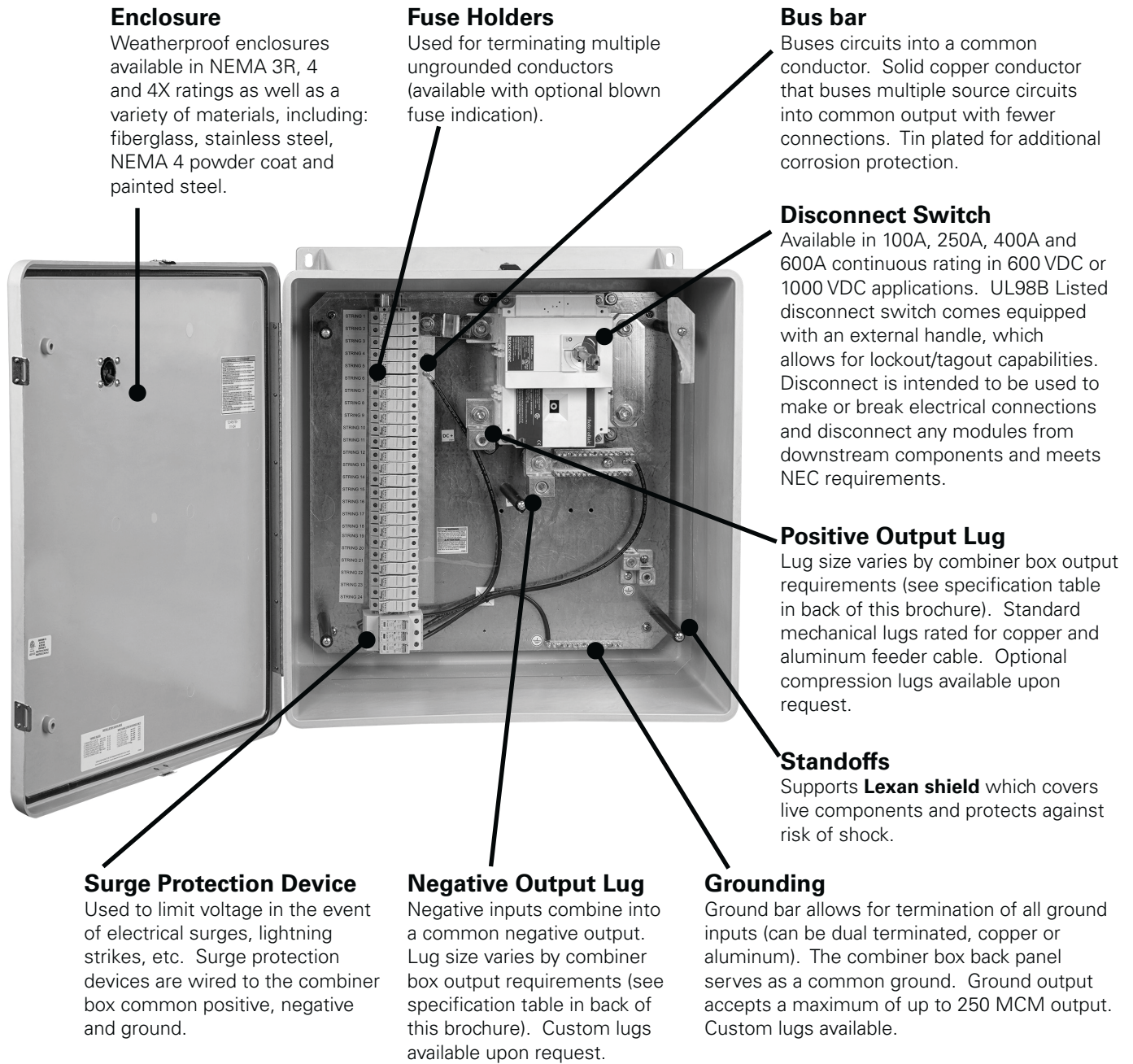
b. Current: Customer provided max. array current per string multiplied by number of combiner input circuits must be less than or equal to the max. current found in the electrical ratings table at the end of this section.

3. Hardware Sizing:

a. Integral Disconnect Switch Sizing: To determine the rating of the integral disconnect, simply multiply the number of input circuits by the max. current per string (as indicated above), and then round to the next (higher) disconnect size. In NO case can the maximum current exceed the amperage rating. Disconnect switches are rated for 100% continuous duty. Example: A 12-string combiner box with solar modules rated to 9.6A has a maximum current of 12A; 12A per string x 12 strings = 144A, which results in a 250A disconnect switch.

*The information above is provided for reference and information only. All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof are not guaranteed. In accordance with Eaton's Terms and Conditions of Sale, and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his/her intended use and assumes all risk and liability whatsoever in connection therewith.

Combiner Box Components & Features



Enclosure

Weatherproof enclosures available in NEMA 3R, 4 and 4X ratings as well as a variety of materials, including: fiberglass, stainless steel, NEMA 4 powder coat and painted steel.

Fuse Holders

Used for terminating multiple ungrounded conductors (available with optional blown fuse indication).

Bus bar

Buses circuits into a common conductor. Solid copper conductor that buses multiple source circuits into common output with fewer connections. Tin plated for additional corrosion protection.

Disconnect Switch

Available in 100A, 250A, 400A and 600A continuous rating in 600 VDC or 1000 VDC applications. UL98B Listed disconnect switch comes equipped with an external handle, which allows for lockout/tagout capabilities. Disconnect is intended to be used to make or break electrical connections and disconnect any modules from downstream components and meets NEC requirements.

Positive Output Lug

Lug size varies by combiner box output requirements (see specification table in back of this brochure). Standard mechanical lugs rated for copper and aluminum feeder cable. Optional compression lugs available upon request.

Standoffs

Supports **Lexan shield** which covers live components and protects against risk of shock.

Surge Protection Device

Used to limit voltage in the event of electrical surges, lightning strikes, etc. Surge protection devices are wired to the combiner box common positive, negative and ground.

Negative Output Lug

Negative inputs combine into a common negative output. Lug size varies by combiner box output requirements (see specification table in back of this brochure). Custom lugs available upon request.

Grounding

Ground bar allows for termination of all ground inputs (can be dual terminated, copper or aluminum). The combiner box back panel serves as a common ground. Ground output accepts a maximum of up to 250 MCM output. Custom lugs available.

Options:

Integral Connectors, Whips & Harnesses

Available as a pre-wired option for fast install and labor savings.

Current Monitoring

Can be added as an option. Incoming, ungrounded conductors (1 or 2) are fed through a single current transducer. Module configurations allow up to 12 string inputs. **NOTE:** Integration of this device typically increases enclosure size requirements.

See product pages for additional available options.



Current Monitoring

Custom Whips

Solar Combiner Boxes

Applications:

- Built to minimize system costs by providing maximum flexibility
- Available with 1-48 input circuits* and help save material costs, installation time and labor when joining the combiner box and disconnect within one enclosure (eliminating the need for a disconnect switch in a separate enclosure)

Features:

- Rated for 600 VDC, 1000 VDC or 1500 VDC† – continuous duty
- Optional integral disconnects available in 100A, 250A, 350A, 400A and 600A
- Touch-safe fuse holders
- Lexan shield covers all live components
- 90°C output terminals
- Configured for positive and negative grounded arrays**

Certifications and Compliances:

- cETLus 1741 Listed
- cETLus Listed to CSA Standards C22.2 No. 31 & No. 107.1
- NEMA 4X (fiberglass and stainless steel)
- NEMA 4 (powder coated steel)
- NEMA 3R (painted steel, for vertical mounting positions only)



Standard Materials and Finishes:

- NEMA 4X fiberglass (non-conductive, impact-resistant, UV-resistant, flame retardant) – natural
- NEMA 4X stainless steel – natural
- NEMA 4 steel – powder coated
- NEMA 3R steel (for vertical mounting applications only) – painted

Options:

- Fuses (shipped uninstalled)
- Surge protection
- Solar cable whips (pre-assembled and installed)
- Compression output lugs
- Factory installed breather vent or drain
- Bipolar construction (to 1000 VDC combined voltage)
- Smart combiners available (DC string monitoring)
- Factory drilled entrance holes
- Factory installed conduit fittings/cable glands
- Dual output lugs
- Lockable enclosures
- Integral power supply
- Terminal blocks
- Factory installed strut
- Custom options available – consult factory

Integral Disconnect Rating:

To determine the rating of the integral disconnect, simply multiply the number of input circuits by the max. current per string, and then round to the next (higher) disconnect size. In NO case can the maximum current exceed the amperage rating. Disconnect switches are rated for 100% continuous duty. Example: A 12-string combiner box with solar modules rated to 9.6A has a maximum current of 12A; 12A per string x 12 strings = 144A, which results in a 250A disconnect switch.

Catalog Number Matrix:

	CCBF	12	F15	DS250	SP	DCM		
Enclosure Type	CCBF = Fiberglass N4X							
	CCBS = Painted steel N3R							
	CCBSS = Stainless steel N4X							
	CCB4S = Powder coated steel N4							
Number of Input Circuits								
	01 = 1 input circuit							
	02 = 2 input circuits							
	03 = 3 input circuits							
	04 = 4 input circuits							
	05 = 5 input circuits							
	06 = 6 input circuits							
	(Offered up to 48 circuits*)							
Fuse Amperage**								
	F08 = 8A fuse							
	F10 = 10A fuse							
	F12 = 12A fuse							
	F15 = 15A fuse							
	(Offered up to 30A)							
	BLANK = Fuses not provided by factory							
	• Eaton's Bussmann Series fuses recommended							
	- PVM fuses for 600 VDC combiner boxes							
	- PV fuses for 1000 VDC combiner boxes							
Integral Disconnect Rating								
	DS = Disconnect switch for use with 1-48* input circuits							
	DS100 = 100A - standard on combiners up to 6 circuits							
	DS250 = 250A - standard on combiners from 7 to 24 circuits							
	DS325 = 325A - consult factory							
	DS400 = 400A - available on combiners greater than 17 circuits. Standard on combiners from 24 circuits to 36.							
	DS600 = 600A - consult factory							
	BLANK = No integral disconnect							
DC Monitoring								
	DCM = Pre-installed DC current monitoring unit							
	BLANK = No DC current monitoring							
Surge Protection								
	SP = Surge protection							
	30kA/600 VDC interrupting rating or 30kA/1000 VDC							
	IP20 finger-safe construction							
	Small size takes up minimal space in enclosure (only 2 inches wide)							
	BLANK = No surge protection							
Breather Vent or Drain								
	BV = Breather vertical							
	BH = Breather horizontal							
	DV = Drain vertical							
	DH = Drain horizontal							
	BLANK = No vent or drain							
	Orientation refers to position of the combiner, not the breather or drain							
Voltage								
	1000V = 1000V							
	BLANK = 600V							

*Combiners with 37-48 input circuits are not third party certified, but are constructed to UL1741 standards.
 **Negative fused configurations available for positive grounded arrays. Replace 'F15' with 'NF15' in the catalog number.
 †Consult factory for 1500 VDC version.

High Amperage Solar Combiner Boxes

Applications:

- Designed and built to minimize costs in grid-tied PV system applications designed with T-junction cable harness wiring
- T-connection harnesses allow for the combination of two strings in parallel prior to entry and termination in the combiner box
- The use of T-connection harnesses in conjunction with high amperage solar combiner boxes reduces cable, labor and overall installed PV system costs
- Boxes are available in models with up to 24 input circuits and a 30A max. fuse size, with durable (NEMA 4X, 4 and 3R) enclosures and flexible custom options to suit customer applications
- Robust design is engineered for greater heat dissipation and manufactured to perform in the harshest of environmental conditions

Features:

- Isc rating 19.2A at 50°C
- Rated for 600 VDC, 1000 VDC or 1500 VDC† – continuous duty
- Integral disconnects available in 100A, 250A, 325A, 400A and 600A
- Touch-safe spring pressure (screwless) fuse holders
- Reduce wire installation time by up to 75%
- Greatly reduce potential loosening from vibration
- Resist temperature cycling and corrosion
- Lexan shield covers all live components
- 90°C output terminals
- Configured for positive and negative grounded arrays*
- Heat dissipation bus bar design
- Spacers installed between fuse holders for improved heat dissipation

Certifications and Compliances:

- cETLus 1741 Listed
- cETLus Listed to CSA Standards C22.2 No. 31 & No. 107.1
- NEMA 4X (fiberglass and stainless steel)
- NEMA 4 (powder coated steel)
- NEMA 3R (painted steel, for vertical mounting applications only)



Integral Disconnect Rating:

To determine the required rating of integral disconnect, simply multiply the number of input circuits by the panel max. short circuit current, and then multiply that figure by 125%. Round the result to the next (higher) disconnect size. Disconnect switches are rated for 100% continuous duty. In NO case can the maximum output current exceed the disconnect amperage rating. Example: In a T-junction application where two strings are combined prior to entry into the combiner box, a 16-string combiner box with max. short circuit current of 19.2A per string: $(2 \times 9.6A) \times 16 \text{ strings} \times 1.25 = 384A$, which equates to a 400A disconnect switch. See technical information for combiner box maximum Isc, current and fuse size calculations.



Standard Materials and Finishes:

- NEMA 4X fiberglass (non-conductive, impact-resistant, UV-resistant, flame retardant) – natural
- NEMA 4X stainless steel – natural
- NEMA 4 steel – powder coated
- NEMA 3R steel (for vertical mounting applications only) – painted

Options:

- Fuses (shipped uninstalled)
- Surge protection
- Solar cable whips (pre-assembled and installed)
- Compression output lugs
- Factory installed breather vent
- Factory installed drain
- Factory drilled entrance holes
- Factory installed conduit fittings/cable glands
- Custom lugs available upon request
- Lockable enclosures
- Factory installed post-mount strut
- Custom options available – consult factory

Catalog Number Matrix:

		CCBF	12	F30	DS400	SP			
Enclosure Type CCBF = Fiberglass N4X CCBS = Painted steel N3R CCBSS = Stainless steel N4X CCB4S = Powder coated steel N4	Number of Input Circuits 04 = 4 input circuits 05 = 5 input circuits 06 = 6 input circuits (Offered up to 24 circuits)					Integral Disconnect Rating DS100 = 100A DS250 = 250A DS325 = 325A - consult factory DS400 = 400A DS600 = 600A - consult factory BLANK = No integral disconnect	Voltage 1000V = 1000V BLANK = 600V	Breather Vent or Drain BV = Breather vertical BH = Breather horizontal DV = Drain vertical DH = Drain horizontal BLANK = No vent or drain Orientation refers to position of the combiner, not the breather or drain	Surge Protection SP = Surge protection 30kA/600 VDC interrupting rating or 30kA/1000 VDC IP20 finger-safe construction Small size takes up minimal space in enclosure (only 2 inches wide) BLANK = No surge protection
		Fuse Amperage* F25 = 25A fuse F30 = 30A fuse BLANK = fuses not provided by factory							

*Negative fused configurations available for positive grounded arrays. Example: Replace 'F30' with 'NF30' in the catalog number.
 †Consult factory for 1500 VDC version.

Solar Combiner Whips

Applications:

- Solar Cable Whips are engineered, tested, third party certified and assembled with Crouse-Hinds Series Solar Combiner Boxes for use in utility and commercial PV systems to save on-site labor and lower installed costs

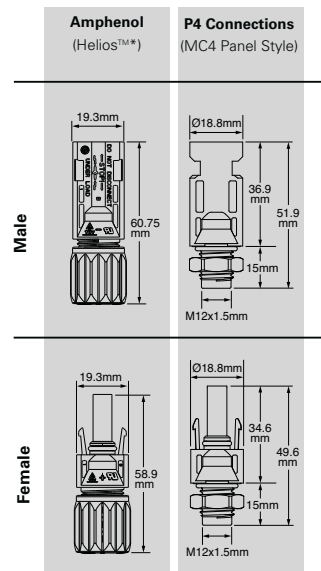
Features:

- Rated for use with 600 VDC or 1000 VDC combiner boxes (whips rated to meet or exceed combiner box voltage rating)
- Pre-configured by string count with selected solar combiner boxes
- 1' to 6' standard lengths (outside of combiner box)
- #10 AWG cable size standard on all configurations
- Includes positive and negative solar cord grips, cable and connectors
- Whips are labeled inside and outside combiner box with string number and polarity
- Whips are available in black, white, yellow and red for polarity designation
- 100% continuity tested to ensure dependable service
- IP67 or IP68 waterproof rated dependent on connector type
- Fully tested for continuity and hi-pot for dependable field performance
- Designed for exposed or concealed wet or dry locations
- UV-resistant
- Temperature range: -40°C to +90°C
- Custom configurations and ID labeling available; consult factory
- Whips are coiled, banded and protected during shipment



Certifications and Compliances:

- Combiner boxes with factory installed whips are cETLus Listed to UL1741
- Combiner boxes with factory installed whips are cETLus Listed to CSA Standards C22.2 No. 31 & No. 107.1
- Connectors UL certified to UL6703, TUV certified, IP67 or IP68 rated
- Cable UL certified to UL4703/UL854
- Flammability meets UL94 requirements

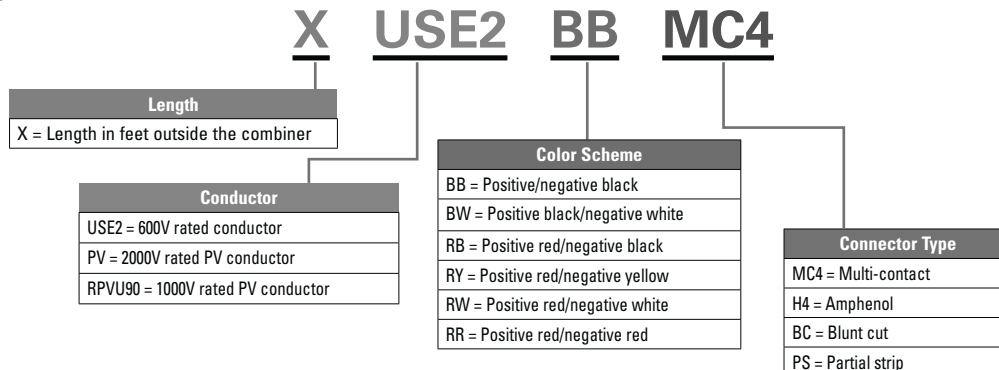


*Helios is a trademark of Amphenol.

Standard Material and Finish:

- Cable – cross linked polyethylene wire (XLPE)

Catalog Number Matrix:



Compact (SL Series) Solar Combiners

Applications:

- The ideal compact solution for commercial and residential rooftop installations with tight space and NEMA 4X requirements, offering maximum performance in a smaller physical footprint

Features:

- Available in either four or six input circuit models to match the most common customer requirements for a compact combiner
- Continuous duty rated at 600 VDC
- NEMA 4X fiberglass 08 x 08 x 06 enclosures with captive stainless steel screws and formed-in-place polyurethane seamless gasket provided as standard
- Third party certified to UL1741 and CSA Standard C22.2 No. 107.1
- Touch-safe fuse holders and power distribution blocks for safe operation
- 90°C output terminals
- Configured for positive and negative grounded arrays*
- Ground blocks included
- External mounting feet included for quick, easy installation
- Rated for continuous operation at 50°C
- 15A max. fuse size
- Eaton's Bussmann Series UL2579 fast-acting 600 VDC Midget Fuses provided as standard with fused models

Certifications and Compliances:

- cETLus 1741 Listed
- CSA Standard C22.2 No. 107.1
- NEMA 4X



Technical Specifications:

- 600 VDC
- 15A max. fuse size (A)
- 9.6A max. PV module short circuit current
- 50°C ambient
- #14 - #8 input conductors
- #2 AWG output conductors
- Dimensions (in.) – 08 x 08 x 06
- NEMA 4X
- Suitable for vertical or horizontal mounting

*Negative fused configurations available for positive grounded arrays. Replace 'F15' with 'NF15' in the catalog number.



Standard Materials and Finishes:

Fiberglass Enclosure:

- Hot compression molded fiberglass-reinforced thermoset polyester
- Non-conductive, impact-resistant, UV-resistant, flame retardant
- Poured polyurethane seamless gasket provides watertight, dusttight environmental seal
- Stainless steel used on all external hardware

Cat. #	No. of Strings	Max. Current (A)	Description
CCBF04SL	4	48	4 String Compact Combiner, N4X Fiberglass
CCBF04SL F15	4	48	4 String Compact Combiner, N4X Fiberglass, 15A Fuse
CCBF06SL	6	72	6 String Compact Combiner, N4X Fiberglass
CCBF06SL F15	6	72	6 String Compact Combiner, N4X Fiberglass, 15A Fuse

Solar Recombiners

Applications:

- In large photovoltaic (PV) systems, multiple combiner boxes are often necessary, and the outputs of these combiner boxes may need to be combined again—recombined—before reaching a central inverter
- Eaton’s Crouse-Hinds Series Recombiner Boxes allow for ease of installation, saving time, labor and most importantly, system costs
- Recombiners range from two to 12 input circuits, with a durable non-metallic (NEMA 4X) or metallic (NEMA 4 and 3R) painted steel enclosure

Features:

- Rated for 600 VDC or 1000 VDC – continuous duty
- Two to 12 input circuits with configurations up to 1200A
- Factory installed fuses included
- Lexan shield covers all live components
- 90°C output terminals
- Configured for positive and negative grounded arrays
- Designed to ease installation of large cable inputs
- ETL Listed to UL1741 to provide peace of mind



Certifications and Compliances:

- cETLus 1741 Listed
- cETLus Listed to CSA Standards C22.2 No. 31 & No. 107.1
- NEMA 4X (fiberglass and stainless steel)
- NEMA 4 (powder coated steel)
- NEMA 3R (painted steel, for vertical mounting applications only)



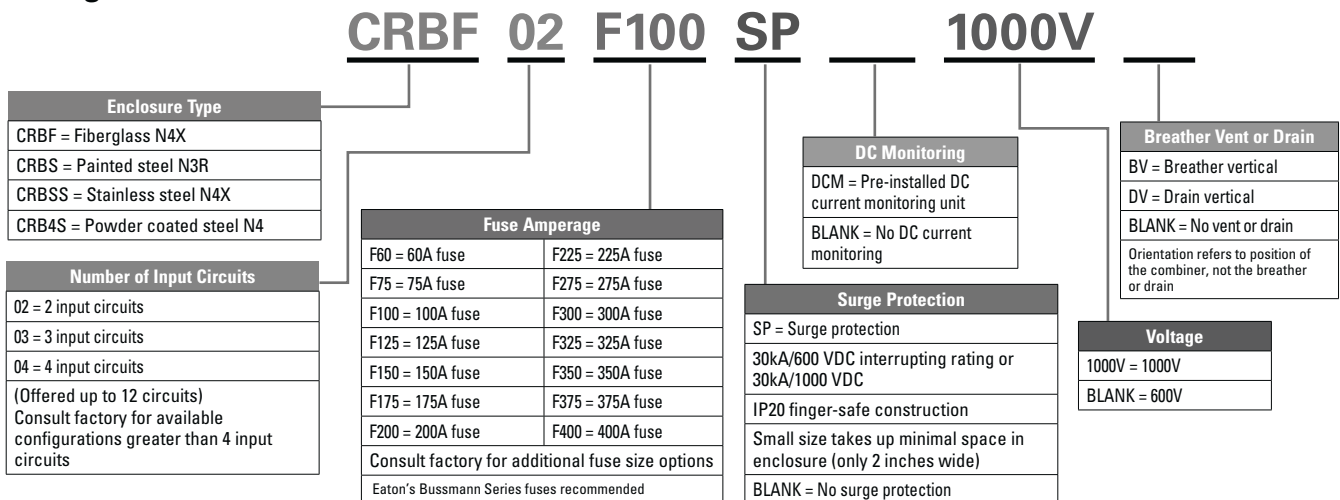
Standard Materials and Finishes:

- NEMA 4X fiberglass (non-conductive, impact-resistant, UV-resistant, flame retardant) – natural
- NEMA 4X stainless steel – natural
- NEMA 4 steel – powder coated
- NEMA 3R steel (for vertical mounting applications only) – painted

Options:

- Surge protection
- Smart recombiners available (DC string monitoring)
- Factory drilled entrance holes
- Factory installed conduit fittings
- Bipolar construction
- Factory installed breather, drain and desiccant
- Integral power supply, flex I/O, terminal blocks
- Integral disconnects available in 100A, 250A, 400A and 600A – consult factory
- Multiple disconnect options available – consult factory
- Custom options available – consult factory

Catalog Number Matrix:



DC Safety Disconnect Boxes

Applications:

- Intended to be used to make or break electrical connections and disconnect any modules from downstream components
- For use with 600 VDC or 1000 VDC PV applications
- Meets NEC code requirements for a means of disconnection before the inverter

Features:

- Rated for 600 VDC or 1000 VDC
- One to 12 inputs
- Rated for up to 3,200A
- Rated for 100% continuous duty
- Available in 100A to 600A disconnect switch ratings
- Configured for positive and negative grounded arrays
- 90°C output terminals that can support both aluminum and copper wire
- Protective shield covers all live parts
- Comes equipped with a NEMA 4X external handle which allows for lockout/tagout capabilities
- ETL listed to UL1741 to provide peace of mind and plenty of wiring room for ease of installation
- Designed to ease installation of large cable inputs

Certifications and Compliances:

- cETLus 1741 Listed
- cETLus Listed to CSA Standards C22.2 No. 31 & No. 107.1
- Rated for up to 3,200A
- Disconnect switch is UL98B Listed



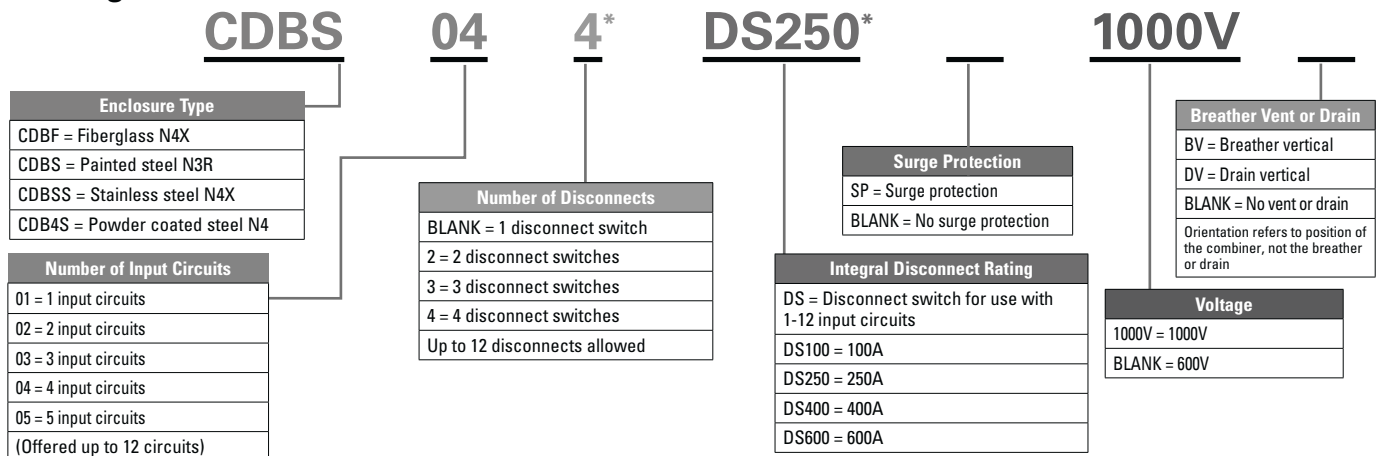
Standard Materials and Finishes:

- NEMA 4X fiberglass (non-conductive, impact-resistant, UV-resistant, flame retardant) – natural
- NEMA 4X stainless steel – natural
- NEMA 4 steel – powder coated
- NEMA 3R steel (for vertical mounting applications only) – painted

Options/Special Configurations:

- Positive incoming, and positive and negative incoming circuit configurations available
- Pad-mount or freestanding custom enclosures
- Mounting brackets
- Wiring pedestal available to allow more wiring room
- Custom labeling
- Factory drilled holes
- Factory installed fittings, conduit and cable
- Factory installed breather vent or drain
- Custom options available – consult factory

Catalog Number Matrix:



*For multiple disconnect sizes in the same enclosure, insert additional integral disconnect switch selection.

Solar Pass Through Boxes

Applications:

- Solar Pass Through Boxes (sometimes referred to as “transition boxes”) are used in residential applications to provide a low profile, cost-effective way to group input wires/circuits from several arrays and/or solar panels and transition from solar (PV) cable to regular building wire
- Designed for PV applications where overcurrent protection is not necessary due to the low power rating of the PV string

Features:

- Rated 600 VDC or 1000 VDC continuous duty
- Constructed in accordance with UL1741 standards, providing spacious wiring room for quick, easy wire termination
- Factory installed multi-hole solar cord grip provides dependable, secure wire termination to enclosure and saves field installation – eliminating the need for enclosure drilling, saving time and labor
- Fiberglass enclosures with captive stainless steel screws and formed-in-place polyurethane seamless gasket provided as standard
- Available in N3R sheet steel enclosures – consult factory
- Lightweight design offers easy mounting capabilities; optional mounting feet are available for increased customer flexibility
- Rated for continuous operation at 60°C ambient

Certifications and Compliances:

- cETLus 1741 Listed
- cETLus Listed to CSA Standards C22.2 No. 31 & No. 107.1
- NEMA 4X



Standard Materials and Finishes:

Fiberglass Enclosure:

- Hot compression molded fiberglass-reinforced thermoset polyester
- Non-conductive, impact-resistant, UV-resistant, flame retardant
- Poured polyurethane seamless gasket provides watertight, dusttight environmental seal
- Stainless steel used on all external hardware

Cat. #	Description
CPBF03	3 Circuit Pass Through Box
CPBF04	4 Circuit Pass Through Box
CPBF05	5 Circuit Pass Through Box
CPBF06	6 Circuit Pass Through Box
CPBF07	7 Circuit Pass Through Box
CPBF08	8 Circuit Pass Through Box
CPBF09	9 Circuit Pass Through Box
CPBF10	10 Circuit Pass Through Box
CPBF11	11 Circuit Pass Through Box
CPBF12	12 Circuit Pass Through Box
CPBF13	13 Circuit Pass Through Box
CPBF14	14 Circuit Pass Through Box
CPBF15	15 Circuit Pass Through Box
CPBF16	16 Circuit Pass Through Box
CPBF17	17 Circuit Pass Through Box
CPBF18	18 Circuit Pass Through Box
CPBF19	19 Circuit Pass Through Box

Cat. #	Description
CPBF20	20 Circuit Pass Through Box
CPBF21	21 Circuit Pass Through Box
CPBF22	22 Circuit Pass Through Box
CPBF23	23 Circuit Pass Through Box
CPBF24	24 Circuit Pass Through Box
CPBF25	25 Circuit Pass Through Box
CPBF26	26 Circuit Pass Through Box
CPBF27	27 Circuit Pass Through Box
CPBF28	28 Circuit Pass Through Box
CPBF29	29 Circuit Pass Through Box
CPBF30	30 Circuit Pass Through Box
CPBF31	31 Circuit Pass Through Box
CPBF32	32 Circuit Pass Through Box
CPBF33	33 Circuit Pass Through Box
CPBF34	34 Circuit Pass Through Box
CPBF35	35 Circuit Pass Through Box
CPBF36	36 Circuit Pass Through Box

NOTE: For 1000 VDC Pass Through Boxes, add ‘1000V’ to the catalog number.

Solar Accessories

Lay-in Grounding Lugs & Cable Clips

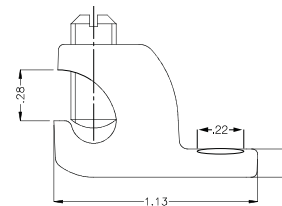
SOLAR LAY-IN GROUNDING LUGS

Applications:

- The ideal choice for the quick installation of one continuous grounding conductor or as a jumper to multiple locations
- Just unscrew the set screw, lay in the cable and re-tighten, making it easy to retrofit or repair

Features:

- Tin plated copper for additional corrosion resistance
- For use with #4-14 cable
- Stainless steel slotted screw
- Suitable for direct burial and outdoor use
- Ideal for continuous grounding of solar PV panels
- Suitable for use with copper conductors only, solid or stranded



Certifications and Compliances:

- cULus Listed
- UL File No. E-6225



Standard Materials and Finishes:

- Body – copper, tin plated
- Screw – stainless steel, natural

Cat. #	Description	Cable	Unit Qty.	Wt. Lbs. Per 100
SLL414T	Solar Grounding Lug	#4-14	100	5

CABLE CLIPS

Applications:

- Solar Cable Clips provide cable management options for bundling and harnessing PV solar wire anywhere between the panels to the inverter

Features - Steel Clip:

- Manufactured out of corrosion-resistant 304 stainless steel
- Double compression design which can accommodate one 12 gauge USE-2 wire or two 10 gauge PV-1000 wires
- Smooth clip edges which prevent damage to cable insulation
- Screwdriver designed slot which allows for easy removal or movement of the clip when necessary
- Dual cable clip to hold 0.413" to 0.472" in top slot and 0.300" in bottom slot
- 90° clip designed to mount at a 90° angle to the original clip (SCLP1)



Certifications and Compliances:

- UL Listed (see specific catalog numbers below)
- cUL Listed (see specific catalog numbers below)
- UL File No. E-364841

Features - 12 Position Clip:

- Holds up to 12 cables with wire diameters ranging from 0.20" to 0.28"
- Internal locking tabs secure the cables in place to prevent any movement
- Maximum temperature rating of 203°F
- Flush mount design easily attaches to any flat surface with four mounting screws

Standard Materials and Finishes:

- Steel clip – corrosion-resistant 304 stainless steel, natural
- 12 position clip – PPE and PS flame retardant "Noryl" material with 301 stainless steel mounting clip

Cat. #	Description	Panel Thickness Clamping Range		Wire Dia. Range	Height	Unit Qty.	Wt. Lbs. Per 100
		Min. in.	Max. in.				
SCLP1	Solar PV Cable Clip	0.06	0.13	0.20" (5.0mm) - 0.30" (7.6mm) Each Cable	0.39	100	1
SCLP190	Solar PV Cable Clip, 90°	0.55	0.13	0.20" (5.0mm) - 0.30" (7.6mm) Each Cable	0.39	100	1
SCLP2	Solar PV Dual Cable Clip	0.06	0.25	0.30" (7.6mm) - 0.47" (11.9mm) Each Cable	0.45	100	2
SCLP12*	Solar PV Cable Clip, 12 Position	0.06	0.25	0.20" (5.0mm) - 0.28" (7.2mm) Each Cable	0.98	100	1
SCLP12F*	Solar PV Cable Clip, 12 Position, Flush Mount	N/A	N/A	0.20" (5.0mm) - 0.28" (7.2mm) Each Cable	1.00	100	1

*UL and cUL Listed.

Solar Accessories

Non-metallic Cord Grips

NON-METALLIC CORD GRIPS

Applications:

- Used in both commercial and residential grid-tied PV solar applications and are designed to accommodate the entry of multiple PV wires coming into a combiner or pass through box
- Provide mechanical strain relief as well as a liquidtight seal around the solar panel wires

Features:

- Multi-hole cord grip to allow for entry of multiple PV wires
- Solar cord grips offer customer flexibility by allowing the termination from one to 31 PV wires in a single connector
- Skinned over glands provide a durable, liquidtight seal around the wires
- No disassembly required for installation
- Wide range of cable acceptance sizes for customer flexibility
- Steel locknuts included
- Temperature rating: -22°F (-30°C) to 212°F (100°C) to meet the most demanding environmental conditions

Certifications and Compliances:

- UL/cUL recognized
- UL File No. E-23223
- IP68
- Flammability rating: 94-V2

Standard Materials and Finishes:

- 6/6 nylon with TPE/Buna N sealing glands, natural



Cat. #	Size	No. of Holes	Hole Cable Dia.	Wire Type	Wire Size
NCGS25	3/4"	5	5mm	USE-2	12 AWG, 10 AWG
NCGS237*	3/4"	3	7mm	1000V PV Cable	12 AWG, 10 AWG
NCGS39	1"	9	5mm	USE-2	12 AWG, 10 AWG
NCGS357*	1"	5	7mm	1000V PV Cable	12 AWG, 10 AWG
NCGS413	1 1/4"	13	5mm	USE-2	12 AWG, 10 AWG
NCGS497*	1 1/4"	9	7mm	1000V PV Cable	12 AWG, 10 AWG
NCGS478*	1 1/4"	7	8mm	1000V PV Cable	12 AWG, 10 AWG, 8 AWG
NCGS521	1 1/2"	21	5mm	USE-2	12 AWG, 10 AWG
NCGS5117	1 1/2"	11	7mm	1000V PV Cable	12 AWG, 10 AWG
NCGS598	1 1/2"	9	8mm	1000V PV Cable	12 AWG, 10 AWG, 8 AWG
NCGS631	2"	31	5mm	USE-2	12 AWG, 10 AWG
NCGS6197*	2"	19	7mm	1000V PV Cable	12 AWG, 10 AWG
NCGS6128*	2"	12	8mm	1000V PV Cable	12 AWG, 10 AWG, 8 AWG

*UL Listed.

Solar Accessories

Solar Cable Ties

SOLAR CABLE TIES

Applications:

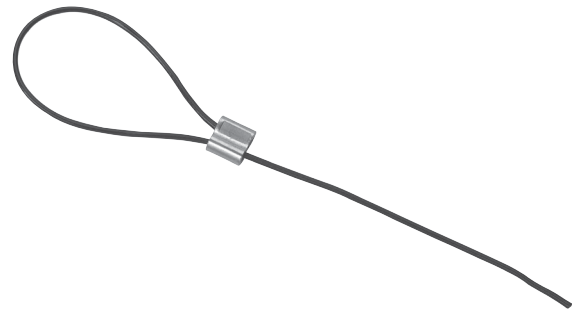
- Provide cable management options for bundling and harnessing PV solar wire anywhere between the panels to the inverter

Features:

- Equipped with a UV protected vinyl jacket which prevents damage to installation cable insulation and ensures durability
- Tin plated with a copper crimp sleeve which allows for easy field installation
- Constructed from commercial aircraft grade stainless wire for long, dependable service

Standard Materials:

- Jacketing – UV-resistant vinyl
- Crimp sleeve – tin plated copper
- Wire – commercial aircraft grade stainless



Cat. #	Description	Part Specification		Part Dimensions			Unit Qty.	Wt. Lbs. Per 100
		Min. Tensile Strength	Max. Bundle Dia.	Length	Cable Dia.			
		Lbs.	N	in.	in.	in.		
SCBLTIE8	8" Solar Cable Tie	100	440	2.30	8	0.06	100	1
SCBLTIE10	10" Solar Cable Tie	100	440	2.92	10	0.06	100	1
SCBLTIE12	12" Solar Cable Tie	100	440	3.88	12	0.06	100	1
SCBLTIE14	14" Solar Cable Tie	100	440	4.20	14	0.06	100	1
SCBLTIE20	20" Solar Cable Tie	100	440	6.30	20	0.06	100	1

Technical Information

SOLAR COMBINER CCB SERIES

Standard Design		Technical Specifications					Mechanical Specifications**†					
1.0 CCB Series	Description	Voltage	Max. Ambient	Max. Fuse Size	Max. Current for Greatest No. of Strings	Max. PV Module Short Circuit Current	Input Conductors (Cu Only)		Output Conductors (Cu/Al)		Fiberglass Dimensions	NEMA Rating
							Wire Gauge	Torque (in.-lbs.)	Wire Gauge	Torque (in.-lbs.)		
1.1	CCB_06 SL 6-string Small Line Combiner Box (02-06 Strings)	600/1000	50	15	72	9.6	#14 - #8	25	#14 - #2	50	08 x 08 x 05	4X/4/3R
1.2	CCB_06 6-string Combiner Box (02-06 Strings)	600/1000	50	15	72	9.6	#14 - #8	25	250 MCM or 350 MCM	325	12 x 10 x 05	4X/4/3R
1.3	CCB_12 12-string Combiner Box (07-12 Strings)	600/1000	50	15	144	9.6	#14 - #8	25	250 MCM or 350 MCM	325	16 x 14 x 06	4X/4/3R
1.4	CCB_18 18-string Combiner Box (13-18 Strings)	600/1000	50	15	216	9.6	#14 - #8	25	350 MCM	325	18 x 16 x 08	4X/4/3R
1.5	CCB_24 24-string Combiner Box (19-24 Strings)	600/1000	50	15	288	9.6	#14 - #8	25	500 MCM	375	20 x 16 x 08	4X/4/3R
1.6	CCB_36 36-string Combiner Box (25-36 Strings)	600/1000	50	15	433	9.6	#14 - #8	25	500 MCM	375	24 x 20 x 08	4X/4/3R
1.7	CCB_06 DS 6-string Combiner Box with Integral Disconnect Switch (02-06 Strings)	600/1000	50	15	72	9.6	#14 - #8	25	250 MCM or 350 MCM	325	18 x 16 x 08	4X/4/3R
1.8	CCB_12 DS 12-string Combiner Box with Integral Disconnect Switch (07-12 Strings)	600/1000	50	15	144	9.6	#14 - #8	25	250 MCM or 350 MCM	325	18 x 16 x 08	4X/4/3R
1.9	CCB_18 DS 18-string Combiner Box with Integral Disconnect Switch (13-18 Strings)	600/1000	50	15	216	9.6	#14 - #8	25	350 MCM	325	20 x 16 x 08	4X/4/3R
1.10	CCB_24 DS 24-string Combiner Box with Integral Disconnect Switch (19-24 Strings)	600/1000	50	15	288	9.6	#14 - #8	25	500 MCM	375	24 x 20 x 08	4X/4/3R
1.11	CCB_36 DS 36-string Combiner Box with Integral Disconnect Switch (25-36 Strings)	600/1000	50	15	433	9.6	#14 - #8	25	500 MCM	375	36 x 30 x 10	4X/4/3R

SOLAR COMBINER CCB HIGH AMPERAGE SERIES

Standard Design		Technical Specifications					Mechanical Specifications**†					
2.0 CCB High Amperage Series	Description	Voltage	Max. Ambient	Max. Fuse Size	Max. Current for Greatest No. of Strings	Max. PV Module Short Circuit Current	Input Conductors (Cu Only)		Output Conductors (Cu/Al)		Fiberglass Dimensions	NEMA Rating
							Wire Gauge	Torque (in.-lbs.)	Wire Gauge	Torque (in.-lbs.)		
2.1	CCB_06 6-string Combiner Box (02-06 Strings)	600/1000	50	30	144	19.2	#8	N/A	350 MCM	325	20 x 16 x 08	4X/4/3R
2.2	CCB_12 12-string Combiner Box (07-12 Strings)	600/1000	50	30	288	19.2	#8	N/A	500 MCM	375	24 x 20 x 10	4X/4/3R
2.3	CCB_18 18-string Combiner Box (13-18 Strings)	600/1000	50	30	433	19.2	#8	N/A	500 MCM	375	24 x 24 x 10	4X/4/3R
2.4	CCB_24 24-string Combiner Box (19-24 Strings)	600/1000	50	30	577	19.2	#8	N/A	800 MCM	500	24 x 24 x 10	4X/4/3R
2.5	CCB_06 DS 6-string Combiner Box with Integral Disconnect Switch (02-06 Strings)	600/1000	50	30	144	19.2	#8	N/A	350 MCM	325	24 x 20 x 10	4X/4/3R
2.6	CCB_12 DS 12-string Combiner Box with Integral Disconnect Switch (07-12 Strings)	600/1000	50	30	288	19.2	#8	N/A	500 MCM	375	24 x 24 x 10	4X/4/3R
2.7	CCB_18 DS 18-string Combiner Box with Integral Disconnect Switch (13-18 Strings)	600/1000	50	30	433	19.2	#8	N/A	500 MCM	375	30 x 24 x 10	4X/4/3R
2.8	CCB_24 DS 24-string Combiner Box with Integral Disconnect Switch (19-24 Strings)	600/1000	50	30	576	19.2	#8	N/A	800 MCM	500	36 x 30 x 12	4X/4/3R

*For fiberglass only; consult factory for additional information.
†Consult factory for special output conductor requirements.

Technical Information

SOLAR CPB PASS THROUGH BOX SERIES

Standard Design		Technical Specifications				Mechanical Specifications*†						
3.0 CPB Series	Description	Voltage	Max. Ambient	Max. Current	Max. PV Module Short Circuit Current	Input Conductors (Cu Only)		Output Conductors (Cu Only)		Dimensions (in.)	NEMA Rating	
						Wire Gauge	Torque (in.-lbs.)	Wire Gauge	Torque (in.-lbs.)			Type
3.1	CPBF04	4-string Pass Through Box (01-04 Strings, 02-08 Terminals Total)	600/1000	60	(4) 15	9.6	#14 - #8	20	#14 - #8	20	06 x 06 x 04	4X/4/3R
3.2	CPBF08	8-string Pass Through Box (05-08 Strings, 10-16 Terminals Total)	600/1000	60	(8) 15	9.6	#14 - #8	20	#14 - #8	20	10 x 08 x 04	4X/4/3R
3.3	CPBF12	12-string Pass Through Box (09-12 Strings, 18-24 Terminals Total)	600/1000	60	(12) 15	9.6	#14 - #8	20	#14 - #8	20	14 x 12 x 06	4X/4/3R
3.4	CPBF16	16-string Pass Through Box (13-16 Strings, 26-32 Terminals Total)	600/1000	60	(16) 15	9.6	#14 - #8	20	#14 - #8	20	14 x 12 x 06	4X/4/3R

SOLAR RECOMBINER CRB SERIES

Standard Design		Technical Specifications				Mechanical Specifications*†							
4.0 CRB Series	Description	Voltage	Max. Ambient	Max. Current	Max. Fuse Size	Max. PV Module Short Circuit Current	Input Conductors (Cu Only)		Output Conductors (Cu Only)		Fiberglass Dimensions (in.)	NEMA Rating	
							Wire Gauge	Torque (in.-lbs.)	Wire Gauge	Torque (in.-lbs.)			Type
4.0	CRB_03	3 Array Recombiner Box (01-03 Strings)	600/1000	50	1200	400	256.4	#4 - 500 MCM	450	#2 - (2) 600 MCM	150 - 450	Varies	4X/4/3R
4.1	CRB_06	6 Array Recombiner Box (01-06 Strings)	600/1000	50	1200	200	128.2	#6 - 250 MCM	275 - 375	#2 - (2) 600 MCM	150 - 450	Varies	4X/4/3R
4.2	CRB_12	12 Array Recombiner Box (01-12 Strings)	600/1000	50	1200	100	64.1	1/0 - 8	100	#2 - (2) 600 MCM	150 - 450	Varies	4X/4/3R
4.3	CRB_03 DS	3 Array Recombiner Box with Integral Disconnect Switch (01-03 Strings)	600/1000	50	1200	400	256.4	#4 - 500 MCM	450	#2 - (2) 600 MCM	150 - 450	Varies	4X/4/3R
4.4	CRB_06 DS	6 Array Recombiner Box with Integral Disconnect Switch (01-06 Strings)	600/1000	50	1200	200	128.2	#6 - 250 MCM	275 - 375	#2 - (2) 600 MCM	150 - 450	Varies	4X/4/3R
4.5	CRB_12 DS	12 Array Recombiner Box with Integral Disconnect Switch (01-12 Strings)	600/1000	50	1200	100	64.1	1/0 - 8	100	#2 - (2) 600 MCM	150 - 450	Varies	4X/4/3R

SOLAR DISCONNECT CDB SERIES

Standard Design		Technical Specifications				Mechanical Specifications*†							
5.0 CDB Series	Description	Voltage	Max. Ambient	Max. Current	Max. Fuse Size	Max. PV Module Short Circuit Current	Input Conductors (Cu Only)		Output Conductors (Cu Only)		Fiberglass Dimensions (in.)	NEMA Rating	
							Wire Gauge	Torque (in.-lbs.)	Wire Gauge	Torque (in.-lbs.)			Type
5.0	CDB DS100	100A Disconnect Box (01-12 strings)	600/1000	50	(12) 100	N/A	N/A	#6 - 350 MCM	110 - 325	#6 - 350 MCM	110 - 325	Varies	4X/4/3R
5.1	CDB DS250	250A Disconnect Box (01-12 strings)	600/1000	50	(12) 250	N/A	N/A	#6 - 350 MCM	110 - 325	#6 - 350 MCM	110 - 325	Varies	4X/4/3R
5.2	CDB DS400	400A Disconnect Box (01-12 strings)	600/1000	50	(12) 400	N/A	N/A	#2 - 1000 MCM	150 - 500	#2 - 1000 MCM	150 - 500	Varies	4X/4/3R
5.3	CDB DS600	600A Disconnect Box (01-12 strings)	600/1000	50	(12) 600	N/A	N/A	#2 - 1000 MCM	150 - 500	#2 - 1000 MCM	150 - 500	Varies	4X/4/3R

*For fiberglass only; consult factory for additional information.

†Consult factory for special output conductor requirements.

OVERCURRENT PROTECTION - PV FUSE-LINKS

Current Rating	Energy Integrals (A2s)		Power Loss (Watts)	
	Pre-arcing	Total at 1000V	In.	In.
8A	3	32	0.5	2.0
10A	7	50	0.6	2.1
12A	10	100	1.3	2.6
15A	20	200	1.8	3.0

SOLAR COMBINER FIBERGLASS ENCLOSURE DIMENSIONAL INFORMATION

Cat. # Enclosure	Enclosure Size	Overall Dimensions (Inches) (H x W x D)	Inside Dimensions (Inches) (H x W x D)	Mounting Dimensions (Inches) (H x W)	Approximate Weight (lbs.)
FJHP161406	16 x 14 x 06	17.53 x 15.46 x 6.23	15.63 x 13.60 x 5.94	16.75 x 12.00	12
FJHP201608	20 x 16 x 08	22.00 x 17.68 x 8.83	19.72 x 15.72 x 8.45	21.25 x 10.00	20
FJHP202010	20 x 20 x 10	23.50 x 22.12 x 11.70	19.88 x 19.88 x 11.33	21.88 x 18.30	30
FJHP242010	24 x 20 x 10	27.50 x 22.12 x 11.70	23.88 x 19.88 x 11.33	25.88 x 18.30	36
FJHP242410	24 x 24 x 10	27.50 x 26.12 x 11.70	23.88 x 23.88 x 11.33	25.88 x 22.00	42
F4WMSHL302407	30 x 24 x 07	33.41 x 26.32 x 8.81	30.46 x 25.47 x 7.12	32.25 x 18.50	45
F4WMSHL363008	36 x 30 x 08	39.31 x 32.50 x 10.05	36.31 x 31.69 x 9.36	38.13 x 23.88	58

Sunnector™ Whip & Jumper Assemblies

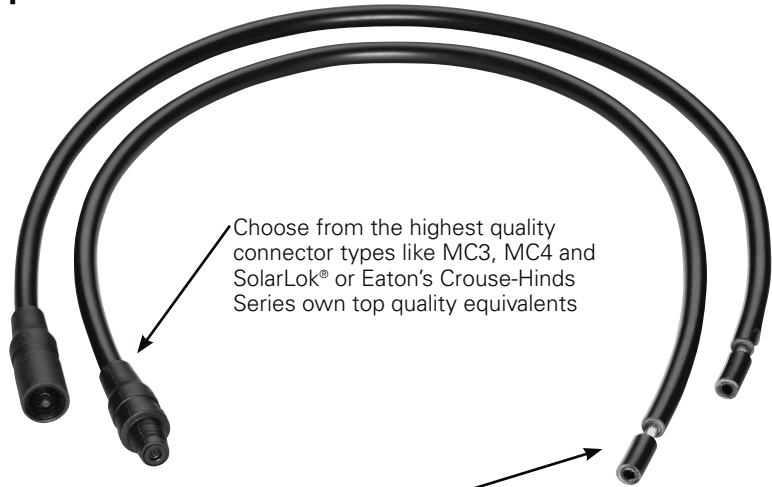
Applications:

- Sunnector™ Pre-fabricated Jumpers and Whips save time and money by providing various configurations that allow quick connections for a wide variety of solar applications
- Both whips and jumpers are manufactured under controlled conditions utilizing the highest quality materials; they are designed to work with rigid and flexible thin-film, monocrystalline and multicrystalline PV modules
- Whips are ideal for OEM applications, including: combiner boxes, mini-inverters, modules and adapters; they are also ideal for solar powered safety, hazard or signaling device assemblies
- In commercial and residential rooftop installations, the use of jumpers reduces the amount of on-site assembly and eliminates crimping, cutting and testing
- Jumpers are also optimal for off-grid self-contained solar power systems frequently found in rural or highly inaccessible locations
- All whips and jumpers are 100% continuity tested to ensure dependable service and are available in many standard lengths

SUPERIOR COMPONENTS MEANS HIGH QUALITY PERFORMANCE

Specially constructed to last years in the field and reduce overall installation times. Pre-marked assembly allows easy site layout.

Solar Whip Assemblies



Choose from the highest quality connector types like MC3, MC4 and SolarLok® or Eaton's Crouse-Hinds Series own top quality equivalents

Choose from different wire sizes capable of delivering 20A, 25A or 35A

Ends provided with your choice of hardware, including: ring terminals, fork terminals, fast-ons or as wire only, blunt cut or partially stripped

All whips and jumpers are 100% tested to ensure performance in the field

Solar Jumper Assembly



Eaton maintains excellent production standards, including those meeting IPC-620A

Choose from a variety of standard wire types, including: USE-2, RHW-2, PV 1KV/2KV, double insulated or halogen-free

Jumper configuration options include male to male, male to female, female to female and interseries connectivity

SolarLok is a registered trademark of Tyco Electronics.

Sunnector™ Whip & Jumper Assemblies

600V, 1000V and 2000V DC; 20A, 25A or 35A
IP67 or IP68

MALE & FEMALE ASSEMBLIES

Features:

- Compatible with rigid and flexible thin-film, monocrystalline and multicrystalline PV modules
- IP67 or IP68 waterproof rated dependent on connector type
- UV- and ozone-resistant
- Fully tested for continuity and hi-pot for dependable field performance
- Pre-built assemblies are designed specifically for grid-tied, off-grid and OEM applications
- Delivered pre-assembled, facilitating quicker installation
- Optional ID labeling available to communicate point-to-point connections in the field

Certifications and Compliances:

- Connectors UL certified to UL6703 and UL1703, TUV certified, IP67 or IP68 rated
- Wire/cable UL certified to UL4703/UL854

Material Characteristics:

- RoHS compliant
- Cross linked polyethylene wire (XLPE or XLP)
- Flammability meets UL94 requirements; V0 rated

Solar Whip Assemblies



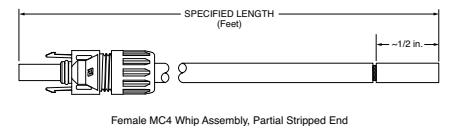
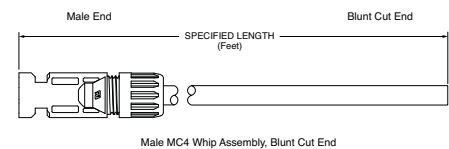
Whip Assembly

#10 AWG wire – 35A current capacity*

#12 AWG wire – 25A current capacity*

#14 AWG wire – 20A current capacity*

- Designed for exposed or concealed wet or dry locations
- Sunlight-resistant
- Rated for direct burial
- Rodent-proof jacket
- Temperature range: -40°C to +90°C



*Recommended (not to exceed). Each system is unique and the design should consider all factors including current de-rating.

Solar Jumper Assembly



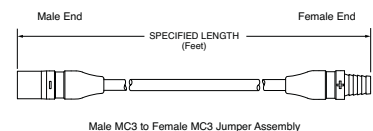
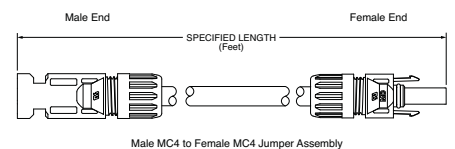
Jumper Assembly

#10 AWG wire – 35A current capacity*

#12 AWG wire – 25A current capacity*

#14 AWG wire – 20A current capacity*

- Designed for exposed or concealed wet or dry locations
- Sunlight-resistant
- Rated for direct burial
- Rodent-proof jacket
- Temperature range: -40°C to +90°C

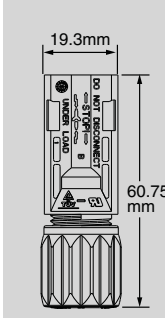
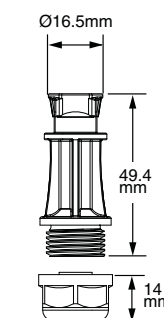
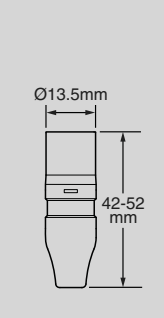
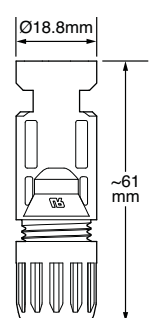
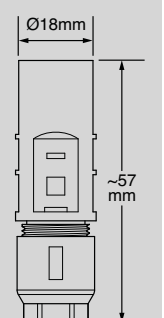
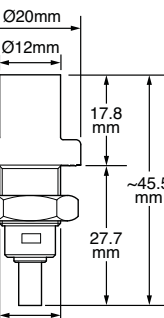
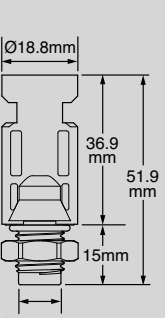
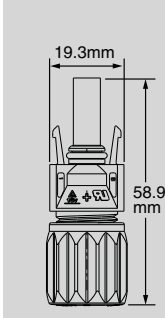
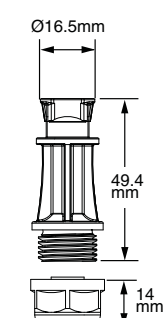
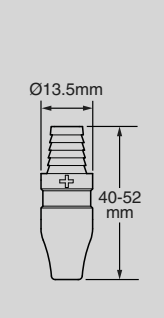
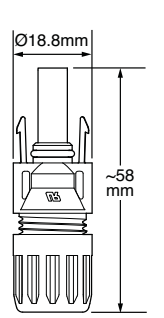
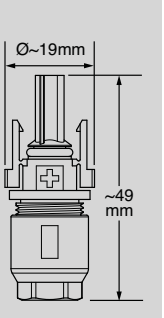
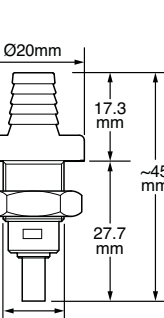
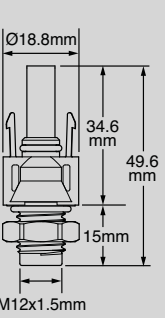


*Recommended (not to exceed). Each system is unique and the design should consider all factors including current de-rating.

Sunconnector™ Whip & Jumper Assemblies

600V, 1000V and 2000V DC; 20A, 25A or 35A
IP67 or IP68

Connection Types:

	Amphenol (Helios™)**	Wieland (Gesis™)**	M3 Connections (MC3 Cable Style)	M4 Connections (MC4 Cable Style)	S Connections (SolarLok®)**	P3 Connections (MC3 Panel Style)	P4 Connections (MC4 Panel Style)
Male							
Female							

*Helios is a trademark of Amphenol.
**Gesis is a trademark of Wieland.
***SolarLok is a trademark of Tyco.

Catalog Number Matrix:

M3M 12 6 B M3F 20		Length (feet)																																																							
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†Assembly end 1 connectors are female only if assembly end 2 connector is also female.

Sunnector™ Parallel Circuit Array & Home Run Harness Assemblies

Applications:

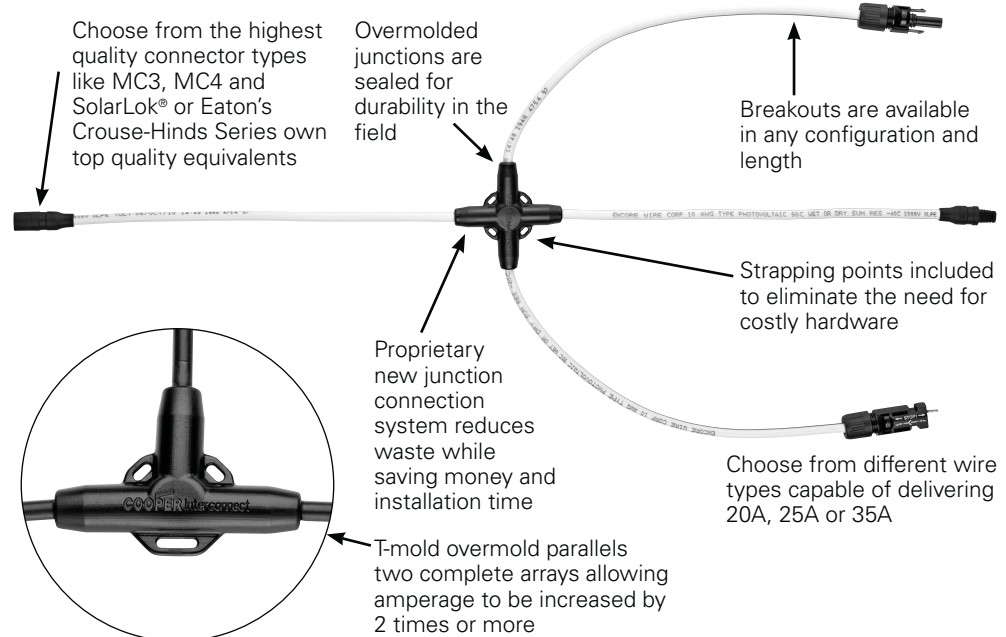
- Custom made Parallel Circuit Array and Home Run (Sub-array) Harnesses provide flexibility while delivering cost savings to any large solar installation
- Sunnector™ Parallel Circuit Array Harness Assemblies feature a proprietary junction system that allows multiple arrays to be connected in parallel, providing labor savings and improving connection quality by eliminating multiple adapters and double terminations
- Parallel Circuit Harnesses are ideal for thin-film type modules, where low current can be electrically paralleled to optimize electrical output
- Sunnector Home Run Harnesses are designed for high current connection and power delivery to combiner boxes, subcombiners or inverters used with monocrystalline and polycrystalline modules
- Fully tested Sunnector Home Run Harnesses arrive terminated, bundled and spooled, replacing on-site long wire runs, bundling, attachment and connector termination
- Home Run Harnesses can also be manufactured with easy to read identification on each leg and on spools; spools can also be labeled for proper job site placement



ENGINEERED SOLUTIONS DESIGNED SPECIFICALLY FOR EACH INDIVIDUAL JOB

Intelligent cabling solutions provide the best overall value and design flexibility to get the job done right.

Custom Parallel Circuit Array Harness



Custom Solar Home Run Harness

Wires are processed with Swiss made precision equipment

In-line circuit protection is available with PV rated fuses and fuse holders

Assemblies are 100% fully factory tested and offer superior weatherproof sealing



Sunnector™ Parallel Circuit Array & Home Run Harness Assemblies

600V, 1000V and 2000V DC; 20A, 25A or 35A
IP67 or IP68

CUSTOM PARALLEL CIRCUIT ARRAY HARNESS ASSEMBLIES

Features:

- Unique solution that is specifically designed to optimize the electrical outputs of thin-film modules
- Provides a better solution by eliminating the need for costly adapters, double the connectors and failure points
- Proprietary molding and sealing process stems from years of research and performance in harsh environments
- Superior sealing performance of overmolded connectors/junctions
- Pre-assembled, delivered to job site
- Fully tested for continuity and hi-pot for dependable field performance
- Improved durability and strain relief over traditional wiring
- Custom T- or X-mold strapping points permit attachment of harnesses without clamps
- Proven high performance materials
- UV- and ozone-resistant
- All X-mold and T-mold harnesses are available with termination points in the connector of your choice
- Harnesses can reliably connect as many as 374† modules per harness (when utilizing #10 AWG PV wire)
- ID labeling available to communicate point-to-point connections in the field

Certifications and Compliances:

- Connectors UL certified to UL6703 and UL1703, TUV certified, IP67 or IP68 rated
- Wire/cable UL certified to UL4703/UL854

Material Characteristics:

- RoHS compliant
- Cross linked polyethylene wire (XLPE or XLP)
- Flammability meets UL94 requirements; V0 rated

Parallel Circuit Array Harness Assemblies



X-mold Parallel Circuit Array Harness Assembly



T-mold Parallel Circuit Array Harness Assembly



X-mold Option



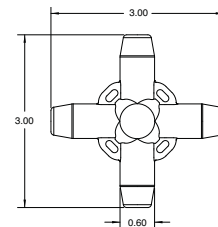
T-mold Option

#10 AWG wire – 35A current capacity*

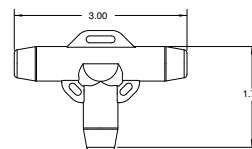
#12 AWG wire – 25A current capacity*

#14 AWG wire – 20A current capacity*

- Designed for exposed or concealed wet or dry locations
- Sunlight-resistant
- Rated for direct burial
- Rodent-proof jacket
- Temperature range: -40°C to +90°C



Custom Harness Assembly T-Mold Junction



Custom Harness Assembly T-Mold Junction

Custom Harness Assembly Ordering Information

Whether you need to create complex or simple systems, contact your local Eaton's Crouse-Hinds Series Sales Representative and we will help you develop the most efficient system possible. Order Sunnector™ Parallel Circuit Array Harness Assemblies by sending the following two items to EngineeringSunnector@Eaton.com:

1. A completed copy of our Solar Installation Questionnaire that can be downloaded from this web page: <http://www.crouse-hinds.com/solarassemblies>
2. A system diagram with electrical parameters and module locations

*Recommended (not to exceed). Each system is unique and the design should consider all factors including current de-rating.

†The number of modules listed is only for reference and is not meant to be an electrical guide.

Sunnector™ Solar Parallel Circuit Harness Assemblies

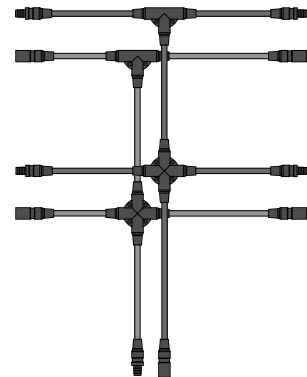
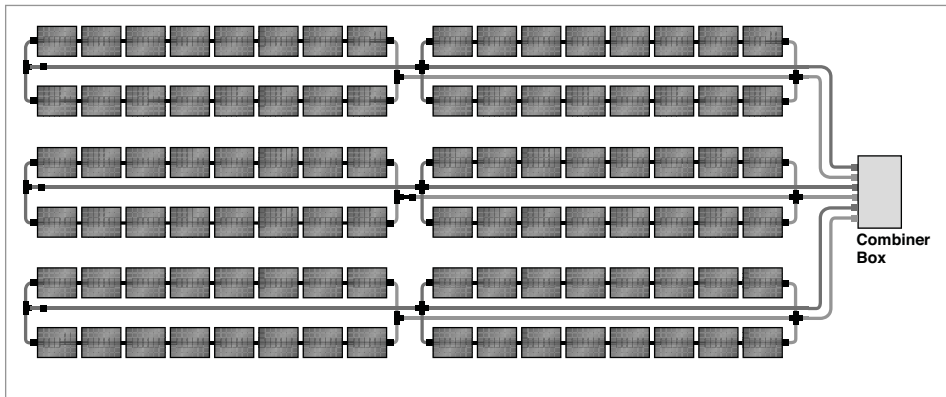
600V, 1000V and 2000V DC; 20A, 25A or 35A
IP67 or IP68

CUSTOM PARALLEL CIRCUIT ARRAY HARNESS ASSEMBLIES

Configurations:

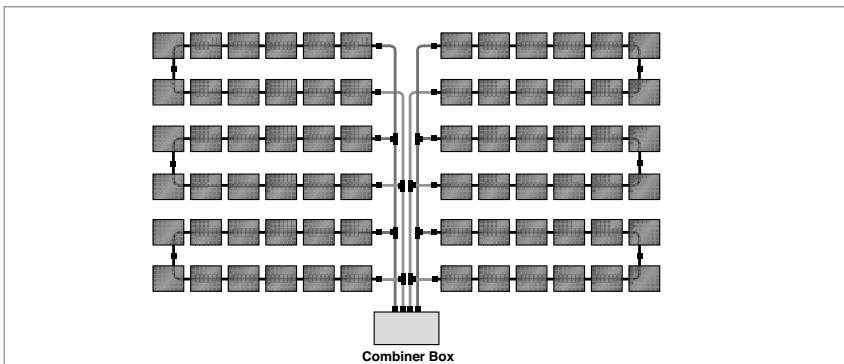
- Ideal for installations where modules are electrically paralleled with multiple arrays integrating to one combiner box or inverter
- The X-mold junction conveniently merges module arrays while allowing multiple connection points on each leg
- Harnesses made with T-mold junctions provide a quick and easy way to connect module arrays to a combiner box
- Suitable for use for residential, commercial and utility scale projects, harnesses are available with an unlimited number of branches
- Module arrays with low current output are easily paralleled to optimize the maximum current output while providing design flexibility and cost and labor savings
- Custom designed Sunnector™ assemblies reduce the overall installed cost by 10% to 35%*

Combination X-mold & T-mold Junction Wiring Configuration



In this example, 98 modules can be connected using a Sunnector Custom Parallel X- and T-mold junction harness to provide a 3-string circuit to the combiner box. No need to run 24 discrete wires back to the combiner.

T-mold Junction Wiring Configuration



In this example, 72 modules can be connected using only two Sunnector parallel harnesses: simple, cost-effective and reliable.

*Based on labor and material savings versus traditional wiring.

Sunnector™ Solar Home Run Harness Assemblies

600V, 1000V and 2000V DC; 20A, 25A or 35A
IP67 or IP68

CUSTOM HOME RUN HARNESS ASSEMBLIES

Features:

- Designed for high current connection and power delivery to combiner boxes, sub-combiners or inverters used with monocrystalline and polycrystalline modules
- Pre-built assemblies are designed specifically for each job and application
- IP67 or IP68 waterproof rated dependent on connector type
- UV- and ozone-resistant
- Fully tested for continuity and hi-pot for dependable field performance
- Overmolded connectors/junctions deliver superior sealing performance
- Improved durability and strain relief over traditional wiring
- Save money and time by facilitating quicker installation
- Proven high performance TPE, PPO and PC materials
- All Home Run Harnesses are available with termination points in the connector of your choice
- Available with #14, #12 or #10 AWG wires
- ID labeling available to communicate point-to-point connections in the field
- Delivered pre-assembled; job site delivery is also available

Certifications and Compliances:

- Connectors UL certified to UL6703 and UL1703, TUV certified, IP67 or IP68 rated
- Wire/cable UL certified to UL4703/UL854

Material Characteristics:

- RoHS compliant
- Cross linked polyethylene wire (XLPE or XLP)
- Flammability meets UL94 requirements; V0 rated

Home Run Harness Assemblies



Home Run Harness
Assembly

#10 AWG wire – 35A current capacity*

#12 AWG wire – 25A current capacity*

#14 AWG wire – 20A current capacity*

- Designed for exposed or concealed wet or dry locations
- Sunlight-resistant
- Rated for direct burial
- Rodent-proof jacket
- Temperature range: -40°C to +90°C



Custom Labeling Options

Custom Harness Assembly Ordering Information

Whether you need to create complex or simple systems, contact your local Eaton's Crouse-Hinds Series Sales Representative and we will help you develop the most efficient system possible. Order Sunnector™ Home Run Harness Assemblies by sending the following two items to EngineeringSunnector@Eaton.com:

1. A completed copy of our Solar Installation Questionnaire that can be downloaded from this web page: <http://www.crouse-hinds.com/solarassemblies>
2. A system diagram with electrical parameters and module locations

*Recommended (not to exceed). Each system is unique and the design should consider all factors including current de-rating.

Sunconnector™ Solar Home Run Harness Assemblies

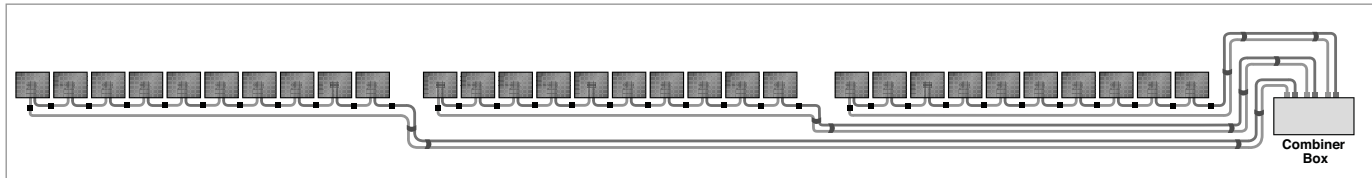
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IP67 or IP68

CUSTOM HOME RUN HARNESS ASSEMBLIES

Configurations:

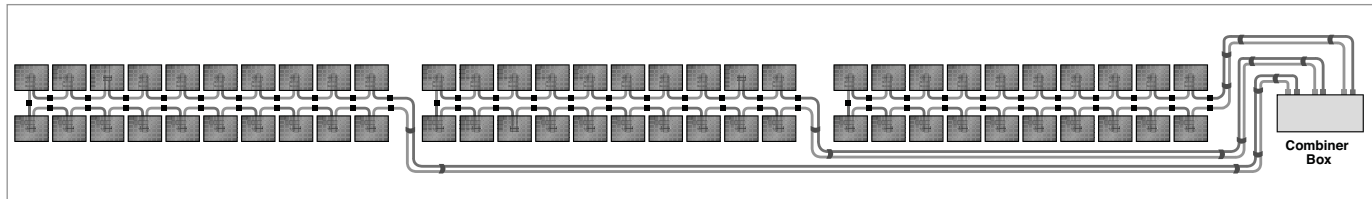
- Home Run Harnesses are one of the most functional products for large utility scale or commercial systems
- Gathers individual strings from the module array and are bundled, labeled and conveniently coiled on a spool for quick and easy unreeling
- Eliminates the need for unreeling individual wires, cutting, stripping, terminating, labeling, tie-wrapping and assembling connectors
- Spools can be placed at the combiner box and unreeled in one fast and easy process
- Easy to read, long-lasting labels make connection to the modules and combiner box a snap
- Most commonly available from 2-8 strings (4 to 16 discrete wires), Eaton's Crouse-Hinds Division can provide any length and/or breakout you require
- Custom designed Sunconnector™ assemblies reduce the overall installed cost by 10% to 35%*

30 Solar Module Configuration



This example represents how 30 high current crystalline modules can be connected using only three Sunconnector Parallel Harnesses. This pre-spooled Home Run Harness was installed with only six connections.

60 Solar Module Configuration



This example shows how 60 crystalline modules can be connected using only three Sunconnector Parallel Harnesses: simple, cost-effective and reliable.

*Based on labor and material savings versus traditional wiring.



Commercial Products delivers quality, reliability, productivity improvements and lower installed cost, all from a single dependable source.

See the complete offering of Commercial Products at www.crouse-hinds.com.

**U.S. (Global Headquarters):
Eaton's Crouse-Hinds Business**

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Syracuse, NY 13208
(866) 764-5454
FAX: (315) 477-5179
Orders Only:
ECHUSAOrders@eaton.com
CrouseCustomerCTR@eaton.com

For more information:

If further assistance is required, please contact an authorized Eaton Distributor, Sales Office, or Customer Service Department.

Canada:

Toll Free: 800-265-0502
FAX: (800) 263-9504
FAX Orders only: (866) 653-0645

Mexico/Latin America/Caribbean:

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ventascentromex@eaton.com

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sales.CCH.de@cooperindustries.com

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