

# Square D Homeline Load Centers and Circuit Breakers

Engineered for value



by Schneider Electric

# From the Square D brand you know and trust, Homeline Load Centers are engineered for value, reliability, and innovation.

The Square D brand is the number one choice of more electricians and home builders.

## > Combination Flush/Surface Covers



For purchasing convenience, indoor covers for convertible mains load centers include a combination flush or surface cover for flexible use with any mounting application. Included with the load center, the cover is individually packaged in its own carton to reduce the risk of damage in shipping or storage while waiting for final installation.

## > Automatic Flush Adjustment

Homeline flush covers feature a floating, spring-mounted trim providing automatic adjustment. This ensures proper alignment without manual adjustment and speeds up final installation.



## > Rainproof Enclosures

Homeline™ Load Centers are available in NEMA® Type 3R rainproof enclosures, with Square D™ type rain-tight bolt-on (RB) hubs for fast and convenient top-feed conduit connection. Side-opening devices feature a stainless steel door latch.



## > Teardrop Mounting Hole

Enables single-person installation. The load center can be hung in position and is easily secured with the embossed mounting holes.

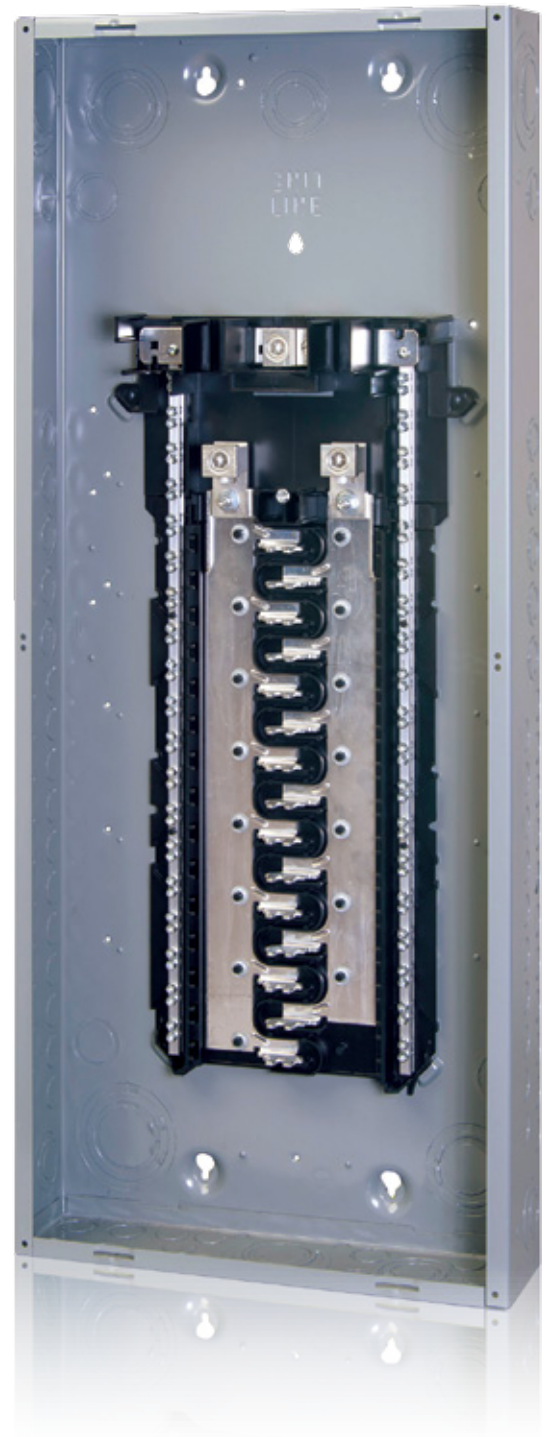


# Convertible Mains Load Center

## Key Features

- ✔ **Innovative neutral bar design\*** — To ease installation, our fully distributed neutral bar is available in Homeline convertible mains load centers, and accepts Plug-On Neutral circuit breakers on every space and is designed to allow the branch neutral and equipment grounds to be installed at the branch breaker
- ✔ **Every space accepts full-size, tandem, and quad circuit breakers** — Simplifies product selection and allows for easy installation, especially for remodeling jobs
- ✔ **Load Center box improvements** — Three large knockouts on the back of the load center for both high- and low-amp devices, helping improve through-wall applications  
  
For minor adjustments, slotted mounting holes have been added to ease in wall placement
- ✔ **Backed-out neutral screws** — Speeds up installation
- ✔ **Ground/Neutral bar simplicity** — Speeding up installation of equipment ground wire, each ground bar terminal accepts up to (3) #10 – 14 wires, as well as unused neutrals (when bonded) when used as the point of service entrance
- ✔ **Standard 22 k/10 k AIR SCCR** — Standard short-circuit series rating for all main breaker load centers; up to 65 k AIC for main lugs devices
- ✔ **180° rotation for top or bottom feed** — Improves application flexibility
- ✔ **Straight-in wiring** — Reduces the need to bend service cable — saving wire, labor, and time
- ✔ **Panel interiors easily removed for protection from theft or painting** — Interior mounts quickly and easily, single captive screw cannot be lost

*\*Patent applied*



Engineered for  
quality and reliability



Designed for  
fast installation



UL® Listed  
exclusively  
for Homeline  
circuit breakers



Flexible for any  
application

# Square D is the industry leader in circuit protection with a long-standing reputation for quality and reliability.



## Homeline Ground Fault Circuit Interrupters (GFI)

The National Electrical Code requires ground fault circuit protection in the garage, outdoor areas, bathrooms, and in spa areas within the home. The Homeline Ground Fault Circuit Breaker provides Class A protection against ground faults, overloads, and short circuits. The device senses and responds to very low levels of ground faults by tripping or shutting off power, preventing serious electrical shock to people.



## Homeline Combination Arc Fault Circuit Interrupters (CAFI)

Homeline Combination Arc Fault Circuit Interrupters (CAFI), help protect people and property from fires caused by electrical arcing. These devices continuously monitor the branch circuit and trip when a potentially dangerous condition is detected. Square D Combination Arc Fault Circuit Interrupters are UL Listed, meet prevailing National Electrical Code standards, and are available in 1-Pole and 2-Pole configurations, in both 15 and 20 A ratings.



## Homeline Dual Function Circuit Breakers (CAFI + GFI)

Save time and money with combined Combination Arc Fault and Ground Fault Protection in one device. The innovative Square D Homeline Dual Function Circuit Breaker combines two critical, state-of-the-art technologies: Combination Arc Fault and Ground Fault (Class A) Protection in a single, easy-to-install device. Available in standard pigtail and time-saving Plug-on Neutral, these devices save space and installation time while meeting 2014 National Electrical Code® requirements.



## Homeline Plug-on Neutral Circuit Breakers

Engineered for value, Homeline Plug-on Neutral CAFI and Dual Function Circuit Breakers connect directly to the neutral bar within the load center, providing a cleaner, time- and labor-saving installation without the pigtail connection. The innovative, fully distributed neutral bar within the Homeline load center accepts Plug-on Neutral Circuit Breakers on any space.



### TIME SAVER Diagnostics

TIME SAVER Diagnostics\* helps take away the guesswork and provides diagnostic assistance at the touch of a button in the unlikely event a trip should occur. By identifying the type of fault that has occurred, it improves troubleshooting time and helps contractors and homeowners identify the trip cause faster.

\* Equipped in all Square D Homeline CAFI and Dual Function Circuit Breakers with a date code of 1130 or higher

# Homeline Circuit Breaker Key Features

- ✔ **Market-leading electrical safety**
  - Designed for superior safety, quality, and reliability. Square D circuit breakers are engineered with the quality and craftsmanship that have made Square D the preferred brand of electricians and homeowners.
- ✔ **Wide variety of circuit protection**
  - Homeline Circuit Breakers offer a full range of amperage, poles, and advanced-function devices such as Dual Function Protection, Combination Arc Fault Protection, and Ground Fault Protection, providing superior electrical safety.
- ✔ **Flexible for multiple applications**
  - To meet a wide variety of customer specific applications, the Homeline offer features Equipment Protection Devices (EPDs), High Magnetic (HM) Circuit Breakers, and Tandem and Quad Circuit Breakers.

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## Use circuit breakers properly.

To ensure proper performance, Square D circuit breakers should only be installed in Square D Load Centers. Each Square D Load Center is equipped with a label specifying compatible circuit breaker options. Any other use of these devices, may void the warranty and could reduce the protection provided, in addition to potentially violating prevailing National Electrical Code requirements. Under no circumstances should non-Square D circuit breakers be installed in any Square D Load Center.

*\*All Homeline 15 A and 20 A 1-Pole circuit breakers are switching duty (SWD) rated and are suitable for switching 120 Vac fluorescent lighting loads.*



# Surges come from many different sources and can cause thousands of dollars in damage.



**Don't compromise**

the electrical safety of a home.



When surge protection is installed at the electrical panel, it **helps protect all the devices in the home**, including those that are not plugged into a surge plug strip (e.g. washers, dryers, stoves, refrigerators).

## > Surgebreaker Plus Whole House Surge Protection



Square D Surgebreaker Plus™ protects the entire home from high-energy power surges by delivering suppression of electrical surges. The device effectively protects everything from appliances, heating and air condition systems, compact fluorescent and LED lighting, home entertainment systems, computers, game consoles, to telephone and cable TV systems.

Whole House Surge Protection delivers critical electrical protection for valuable electrical and electronic equipment within the home. Surgebreaker Plus helps protect against surges generated outside the home which can enter along telephone and coaxial lines and can't be stopped by AC surge protection alone.

## > Square D Home Electronics Protective Device (HEPD80)



The Square D Home Electronics Protective Device (HEPD80) is a compact and affordable surge suppressor designed for residential load centers. The HEPD80 reduces surges that might otherwise overwhelm plug strips and damage connected household equipment. It also provides surge suppression for important items that are not compatible with plug strips such as washers, dryers, refrigerators, stoves, heating and air conditioning equipment, and lighting.

## > Homeline Surge Protective Device (SPD)



The Homeline Surgebreaker is a plug-in SPD that is installed internally within the load center and is designed to protect the home's electrical system and hard-wired appliances from surges. Installing a Square D Surgebreaker provides critical surge protection against surges that may overload ordinary surge strips.

# A comprehensive selection of load centers, circuit breakers, and accessories

## 1 Homeline Fixed Main Load Centers

Ideal for indoor and outdoor sub-feed applications, such as dual-zone HVAC, hot tubs, and pools, all fixed mains accept full-size and tandem circuit breakers.

## 2 Service Upgrade Load Center

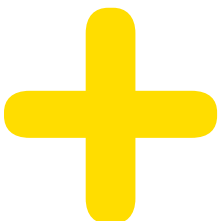
Ideal for service upgrades or remodels, this 200 A Homeline Load Center speeds up the service change with removable top and bottom end wall plates, saving time over traditional load centers designed for new construction. Easily meet the growing need for additional load center circuits and service upgrades with this innovative product.

## 3 Complete Line of Accessories

A complete line of Homeline accessories maximizes application flexibility, such as rainproof hubs, filler plates, neutral lugs, door locks, retaining kits for back-fed mains, and more.

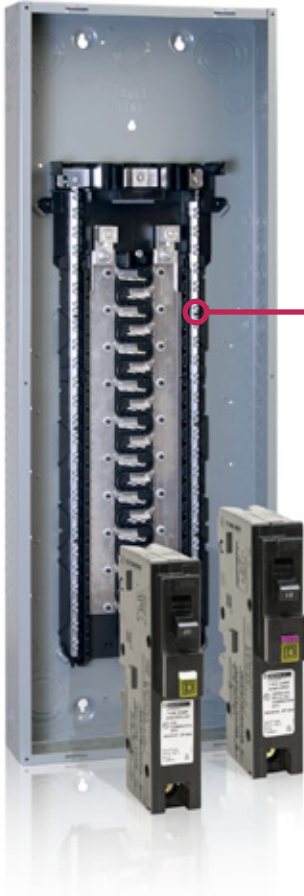
## 4 QO Load Centers – The World’s Finest

QO™ Load Centers are available in Plug-on Neutral, as well as single and three phase.

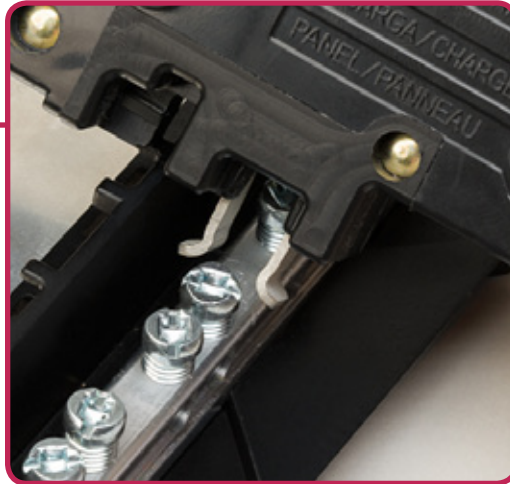


Square D QO and Homeline Load Centers and Circuit Breakers are designed for fast installation, reliability, and superior circuit protection. With industry leading innovations and exclusive features, Square D Load Centers and Circuit Breakers are the **smart, safe, and reliable choice.**

# Square D Homeline Load Centers for Plug-on Neutral CAFE and Dual Function Circuit Breakers



Engineered for value, Homeline Load Centers offer time-savings for Plug-on Neutral Combination Arc Fault and Dual Function Circuit Breaker installation.



Our innovative split neutrals save you time and wire by allowing Plug-on Neutral circuit breakers to connect directly to the neutral bar without a pigtail. Coupled with the innovative design, our neutral bars are now fully-distributed, accepting Plug-on Neutral breakers on any space.



Engineered for value with innovation, Homeline Load Centers and Circuit Breakers are designed for fast installation. Homeline Load Centers are backed by a 10-year warranty and are one of the industry's most feature-rich offers.

For more information on Square D circuit protection products or other solutions, please contact your local Square D distributor, call **888-SQUARED (888-778-2733)**, or visit: [www.schneider-electric.com/us](http://www.schneider-electric.com/us)

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