

Square D QO Load Centers and Circuit Breakers

The leader for safe, reliable, and innovative solutions



by Schneider Electric

QO Load Centers are built on the Square D reputation for reliability, innovation, and circuit protection leadership

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

> We've got you covered: flush and surface covers

Indoor QO™ covers are available in surface or flush mount; these can be purchased separately and limit loss or damage if stored at the job site.



> Protection from the rain

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



> Automatic flush adjustment

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



> Single teardrop positioning hole

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



Convertible Main Load Center

Key Features

- ✔ **Plated copper bus** — one-piece copper bus provides exceptional conductivity and is plated to ensure superior performance and durability
- ✔ **QO ¾ inch format** — this space-saving feature saves wire
- ✔ **Shield copper bus** — an industry first, reduces the chance of accidental contact with the bus
- ✔ **Five-point mounting** — enables easier installation
- ✔ **Standard 22k/10k AIR SCCR** — standard short-circuit series rating for all main breaker load centers
- ✔ **180° rotation for top or bottom feed** — improves application flexibility
- ✔ **Backed-out neutral screws** — speeds up installation
- ✔ **Straight-in wiring** — saves wire, labor, and time
- ✔ **3-Phase** — the QO offer includes a full range of 3-Phase load centers

> One-piece copper bus



QO Load Centers feature plated copper bus, providing superior performance and durability.



Engineered for quality and reliability



Designed for fast installation



UL® Listed, exclusively for QO circuit breakers



Available in both Plug-on Neutral and Standard versions

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



Arc-D-Tect Combination Arc Fault Circuit Interrupter

Utilizing advanced arc detection technology, the exclusive Square D Arc-D-Tect Combination Arc Fault Circuit Interrupter provides the highest level of circuit protection available today — designed to detect dangerous arc faults as well as provide traditional overload and short-circuit protection. Available in Plug-On Neutral* and Pigtail versions.

**QO Plug-on Neutral Combination Arc Fault Circuit Breakers are only compatible with QO Plug-on Neutral Load Centers.*



TIME SAVER Diagnostics provide enhanced performance

In the event of a Combination Arc Fault Circuit Breaker trip, quickly identifying the source of the trip event is key. To assist our customers, Square D has developed the TIME SAVER indication feature, now standard on all Square D brand CAFI circuit breakers.** Square D CAFI circuit breakers remember their last trip; ground fault, arc fault, or thermal-magnetic.

***Applies to all Combination Arc Fault Circuit Breakers with a date code of 1130 or higher.*



QO Qwik-Gard Ground Fault Circuit Interrupter

QO Qwik-Gard™ Ground Fault Circuit Interrupters (GFCIs) utilize market-leading technology to help protect against dangerous ground fault conditions. Combined with our exclusive Qwik-Open overload and short-circuit protection, Square D GFCIs provide the performance, quality, and reliability you've come to expect. Integrated design combines UL-approved circuit breaker with 5 mA, 30 mA, or 100 mA ground fault protection. Ground faults can occur when electrical equipment is worn, defective, or accidentally misused. Available in one-, two-, and three-pole configurations.

Use circuit breakers properly.

Electrical protection requires that circuit breakers are used properly. To maintain the integrity and safety intended, install only breakers marked on the load center label and/or wiring diagram. QO Load Centers are marked to accept only genuine QO Circuit Breakers.

QO Circuit Breakers should only be used in panels marked to accept them. Any other use voids your warranty and may reduce protection, increase liability risks, and violate the National Electrical Code®.

QO Circuit Breaker Key Features

- ✔ **Exclusive red Visi-Trip™ indication** — makes it easy to spot a tripped circuit breaker
- ✔ **Market-leading circuit protection** — superior quality and reliability
- ✔ **Qwik-Open™ technology** — unsurpassed in the industry
- ✔ **QO ¾ inch format** — this space-saving feature saves wire
- ✔ **Multiple applications** — QO Circuit Breakers offer a full range of amperage, poles, and advanced function devices such as arc fault protection



The high cost of surge damage



The home is no place to compromise on **electrical safety!**



Home Electronics Protective Devices



Square D by Schneider Electric™ Home Electronics Protective Devices (HEPDs) are compact and affordable surge suppressors designed for protection against surges that may overpower surge strips. HEPDs also provide protection for home electronics not connected to surge strips.

Square D brand HEPDs are critical surge suppression elements for sensitive equipment and devices. When mounted in residential load centers, they are ideal for providing surge suppression to important household items that plug strips typically don't protect. The HEPD80 provides 80,000 amps of surge capacity and a five-year, \$50,000 limited warranty.

> QO Surge Protective Device (SPD)



The QO Surgebreaker™ is a plug-in SPD that is installed internally in the load center and is designed to protect the home's electrical system and hard-wired appliances from surges. Installing a QO Surgebreaker provides critical surge protection against surges that may overload ordinary surge strips. QO Surgebreaker SPDs come with a two-year, \$10,000 limited warranty.

> Surgebreaker Plus Whole House Multi-Path Surge Protection



The Square D Whole House Surgebreaker provides multi-path surge protection and is connected to the outside of the load center. The Surgebreaker Plus is a complete SPD system where AC, telephone, and cable/satellite lines are connected. This modular SPD system provides 80,000 amps of surge capacity, protecting up to four telephone lines and cable or satellite lines. Surgebreaker Plus Whole House SPDs come with a five-year, \$75,000 limited warranty.

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

Maximizing application flexibility, QO Load Centers and Circuit Breakers can satisfy almost any residential, commercial, or industrial installation requirement.

1 QO Fixed Main Load Centers

Ideal for indoor and outdoor sub-feed applications, such as dual-zone HVAC, hot tubs, and pools. These main lug panels accommodate up to 16 circuits when QO tandem breakers are installed.

2 Service Upgrade Load Center

Ideal for service upgrades or remodels, this 200 amp QO load center speeds up the service change with removable end wall plates, saving time as compared to the traditional load centers designed for new construction. This innovation allows you to meet the growing need for additional load center circuits and service upgrades.

3 Non-metallic QO 2-4 Circuit Load Center

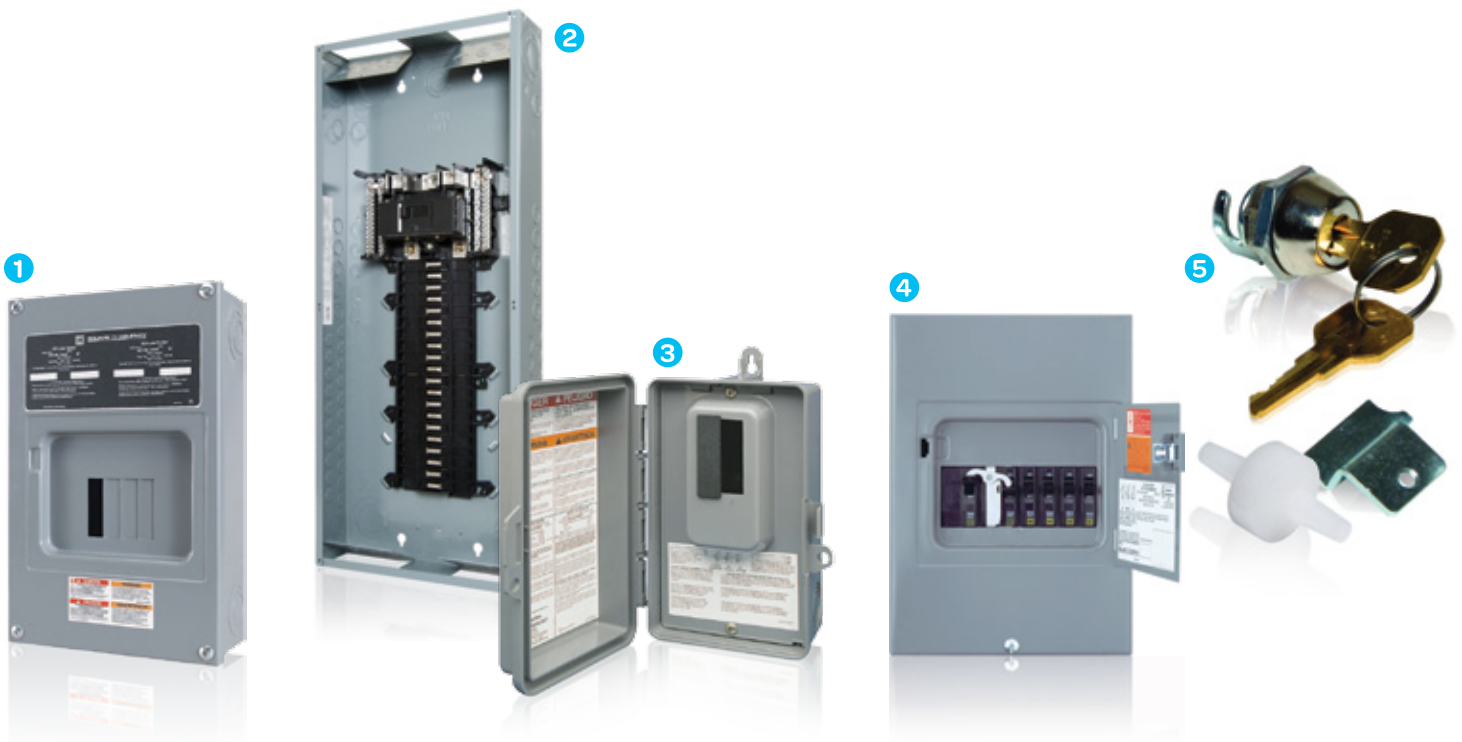
Corrosion-resistant enclosure is ideal for accommodating GFCI protection and switching for outdoor circuits, such as hot tubs, fountains, and swimming pools.

4 QO Generator Panel

In the event of power outages, Square D QO Generator Panel is the ideal way to safely connect specific circuits in the home to an alternate power source, allowing for uninterrupted service.

5 Complete Line of Accessories

A complete line of QO accessories maximizes application flexibility. From ground kits to bolt-on rainproof hubs, filler plates, door locks, manual transfer kits, and more.

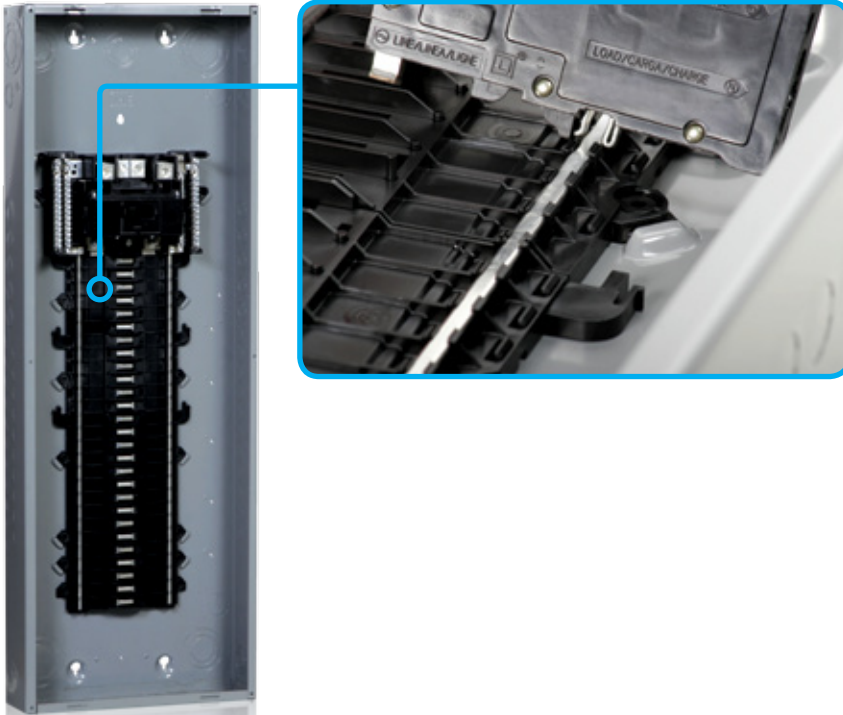


Square D QO Load Centers and Circuit Breakers are part of a comprehensive family of circuit protection solutions. Like all Square D products from Schneider Electric, these innovative protective devices are built for easy installation and reliable operation. And they're **designed to stand the test of time.**

QO Plug-on Neutral Load Centers and CAFI Circuit Breakers

QO Plug-on Neutral Load Centers and CAFI Circuit Breakers are engineered for a quick Plug-on Neutral connection on every circuit.

Designed for reliability, the QO Plug-on Neutral CAFI Circuit Breakers connect directly to the neutral bar, providing a time- and labor-saving installation.



Over 50 years ago, QO Load Centers and Circuit Breakers changed the way homes were protected by replacing standard fuses with our patented Qwik-Open technology providing convenience, safety, and reliability. Square D Load Centers and Circuit Breakers are the number one choice of more electricians and home builders. QO offers a wide variety of application solutions and is also RoHS compliant and designed with time-saving features such as automatic flush adjusting covers and straight-in wiring. QO Load Centers are designed, tested, and listed only for QO Circuit Breakers, the world's finest.

For more information on our circuit protection products or other solutions, please call your local Square D distributor, call 888-SQUARED, or visit our website at www.schneider-electric.com/us.

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