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› SIEMENS /

› Siemens Q215 15-Amp 2 Pole 240-Volt Circuit Breaker User Manual

SIEMENS Q215

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Model: Q215 | Brand: SIEMENS

1. PRODUCT OVERVIEW

The Siemens Q215 15-Amp 2 Pole 240-Volt Circuit Breaker is designed for use in Siemens EQ, Siemens Ultimate, ITE, and Gould load centers or meter combinations. This double pole breaker is rated for 240V and can be utilized in both 1-phase and 3-phase load centers. To maintain the warranty on a Siemens panel, the exclusive use of Siemens breakers is required. Siemens strongly advises against the use of "used" breakers, as their installation in a Siemens panel will void the panel's warranty. Siemens does not sell used breakers and has not authorized any third-party sellers to do so.

Key Features:

- Siemens circuit breaker type QP.
- 10,000 AIC (Amperes Interrupting Capacity).
- 2-Pole, 15-Amp rating.
- Designed for use in Siemens load centers that accept type QP circuit breakers.
- UL Listed & Certified for safety and compliance.
- Plug-in type for easy installation.
- 2-inch frame.



Image: Siemens Q215 15-Amp 2 Pole 240-Volt Circuit Breaker. This image displays the front view of the circuit breaker, highlighting its 15-amp rating on both poles and its compact, two-pole design.

2. SPECIFICATIONS

Attribute	Value
Brand	SIEMENS
Model Number	Q215
Current Rating	15 Amps
Circuit Breaker Type	Standard
Mounting Type	Plug-In Mount
Number Of Poles	2
Voltage	240 Volts
Item Weight	8.8 ounces
Product Dimensions	5 x 10 x 8 inches
Color	Black
Power Source	Wired Electric
UPC	783643148352

3. SETUP AND INSTALLATION

Safety Precautions:

WARNING: Electrical work can be dangerous and should only be performed by qualified personnel. Always disconnect power at the main service panel before working on circuit breakers or electrical panels. Failure to do so can result in serious injury or death. Ensure all local electrical codes and regulations are followed.

- Always turn off the main power supply to the electrical panel before beginning any installation or maintenance.
- Use appropriate personal protective equipment (PPE), such as insulated gloves and safety glasses.
- Verify that the circuit breaker's specifications (amperage, voltage, number of poles) match the requirements of your electrical system and the load center.

Installation Steps (General):

1. **Prepare the Panel:** Ensure the main power to the electrical panel is OFF. Remove the panel cover.
2. **Identify Slot:** Locate an available slot in your Siemens EQ, Siemens Ultimate, ITE, or Gould load center.
3. **Connect Wires:** Connect the appropriate circuit wires to the breaker's terminals. For a 2-pole breaker, connect the two hot wires to the respective terminals. Ensure connections are tight and secure.
4. **Install Breaker:** Align the circuit breaker with the bus bar stabs in the load center. Push the breaker firmly into place until it clicks and is securely seated.
5. **Replace Cover:** Once the breaker is installed and all connections are verified, replace the panel cover.
6. **Restore Power:** Turn the main power supply back ON.

Note: This circuit breaker is designed for 240V applications and can be used in 1-phase or 3-phase load centers.

Always consult a qualified electrician if you are unsure about any installation steps.

4. OPERATING INSTRUCTIONS

Normal Operation:

The Siemens Q215 circuit breaker is designed to protect electrical circuits from overcurrents and short circuits. In normal operation, the breaker switch should be in the "ON" position, allowing electricity to flow to the connected circuit.

Tripping and Resetting:

If an overcurrent or short circuit occurs, the breaker will automatically "trip" to the "OFF" or an intermediate tripped position, interrupting the flow of electricity to prevent damage to wiring or appliances. To reset a tripped breaker:

1. **Identify Cause:** Determine and resolve the cause of the trip (e.g., unplug overloaded appliances, fix short circuits).
2. **Fully OFF:** If the breaker is in an intermediate tripped position, push the handle firmly to the full "OFF" position first.
3. **Reset:** Then, push the handle firmly to the "ON" position.

If the breaker trips immediately after resetting, do not attempt to reset it again. This indicates a persistent electrical issue that requires professional attention.

5. MAINTENANCE

Circuit breakers generally require minimal maintenance. However, periodic inspection can help ensure their proper functioning and longevity.

- **Visual Inspection:** Annually, or as needed, visually inspect the circuit breaker for any signs of damage, discoloration, or loose connections. Ensure the breaker handle moves freely.
- **Dust Removal:** If the electrical panel is dusty, carefully use a vacuum cleaner or compressed air to remove dust from around the breakers. Ensure power is OFF before doing so.
- **Avoid Overloading:** Do not consistently overload circuits, as this can prematurely wear out the breaker and lead to frequent tripping.

Do not attempt to open or repair the circuit breaker yourself. If a breaker appears faulty or damaged, it should be replaced by a qualified electrician.

6. TROUBLESHOOTING

If you experience issues with your Siemens Q215 circuit breaker, consider the following common scenarios:

- **Breaker Trips Frequently:**
 - **Overload:** The circuit may be drawing too much current. Unplug some devices from the circuit.
 - **Short Circuit:** There might be a short circuit in an appliance or wiring. Disconnect all appliances from the circuit and try resetting. If it still trips, the issue is likely in the wiring.
 - **Faulty Appliance:** A specific appliance might be causing the trip. Test appliances one by one.
- **Breaker Won't Reset:**
 - Ensure you are pushing the handle fully to the "OFF" position before attempting to reset to "ON".

- If it still won't reset, there is likely a persistent fault (overload or short circuit) that needs to be addressed.

- **No Power to Circuit (Breaker ON):**

- Check if other breakers in the panel are tripped.
- Verify connections at the breaker and in the outlet/fixture.
- The breaker itself might be faulty and require replacement.

When to Call a Professional: If you cannot identify or safely resolve the cause of a tripping breaker, or if you suspect wiring issues, always contact a qualified electrician. Do not attempt repairs beyond your expertise.

7. WARRANTY AND SUPPORT

Warranty Information:

The Siemens Q215 15-Amp 2 Pole 240-Volt Circuit Breaker comes with a **1-Year Warranty**. Please retain your proof of purchase for warranty claims. The warranty may be voided if the product is misused, improperly installed, or if non-Siemens breakers are used in a Siemens panel.

Customer Support:

For technical assistance, product inquiries, or warranty claims, please contact Siemens customer support. You can typically find contact information on the official Siemens website or through your product retailer. Always provide your product model number (Q215) when seeking support.

For additional resources, you may refer to the official Siemens website: www.siemens.com