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› **Siemens Q3015 Duplex Circuit Breaker User Manual**

SIEMENS Q3015

Siemens Q3015 Duplex Circuit Breaker User Manual

Model: Q3015

Brand: SIEMENS

PRODUCT OVERVIEW

The Siemens Q3015 duplex type QT circuit breaker is designed for use in Siemens panels that accommodate CTL type QT breakers. This compact unit combines a 30 Amp and a 15 Amp single pole breaker within a single 1-inch housing, offering efficient space utilization in electrical panels.

It provides ground fault equipment protection with a 30mA trip, and is rated for 10 KAIC at 120V. Its plug-in mount design facilitates straightforward installation.



Image 1: Front view of the Siemens Q3015 Duplex Circuit Breaker, showing its compact design and labeling.

IMPORTANT SAFETY INFORMATION

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Always consult with a qualified electrician for installation and maintenance of electrical components.

- Always disconnect power at the main service panel before working on circuit breakers or electrical wiring.
- Ensure proper grounding and wiring according to local electrical codes and standards.
- Do not attempt to install or service this device if you are not a qualified electrician.
- Use appropriate personal protective equipment (PPE) such as insulated gloves and safety glasses.

INSTALLATION AND SETUP

The Siemens Q3015 circuit breaker is designed for plug-in mounting in compatible Siemens load centers. Follow these general steps for installation:

1. **Preparation:** Ensure the main power to the electrical panel is turned off and verified with a voltage tester. Open the panel cover.
2. **Identify Slot:** Locate an available slot in your Siemens load center that accepts CTL type QT breakers.
3. **Mounting:** Align the breaker's clips with the bus bar and push firmly until it clicks securely into place. The duplex design means it occupies one 1-inch space on the bus bar.
4. **Wiring:** Connect the appropriate circuit wires to the terminals on the breaker. The Q3015 has two distinct poles (30 Amp and 15 Amp). Ensure the correct wire gauge is used for each amperage rating (e.g., 10 AWG for 30A, 14 AWG for 15A). Tighten terminal screws to the manufacturer's specified torque.
5. **Cover Replacement:** Once all connections are secure and verified, replace the panel cover.
6. **Power Restoration:** Restore power to the main service panel.

• Revised •
04/30/13

Circuit Breakers

Duplex, Triplex and Quadplex Plug-In Breakers

Duplex Circuit Breakers

Breaker Type	Ampere Rating	Catalog Number	Catalog Number
QT 1-Pole 10K AIC 120V AC	15-15	Q1515	Q1515NC ^①
	15-20	Q1520	Q1520NC ^①
	20-20	Q2020	Q2020NC ^①
	20-30	Q2030	—
	30-15■	Q3015	—
	30-20	Q3020	—
	30-30	Q3030	Q3030NC ^①
SHIPPING: 12 per carton, (Wt. 4.8 lbs.)			

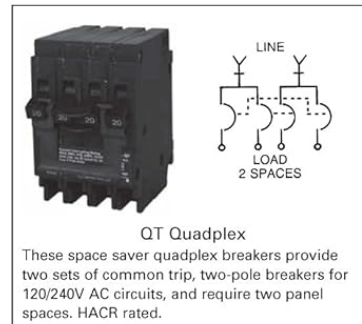
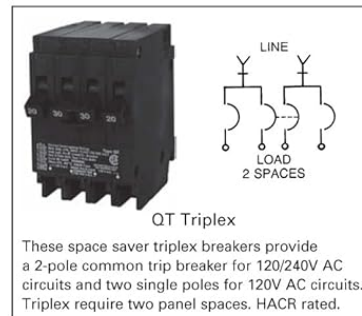
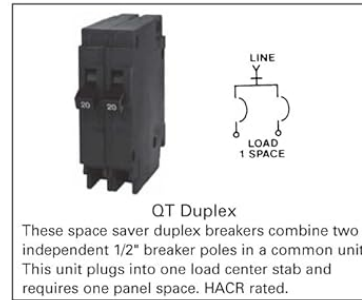
Triplex Circuit Breakers

Breaker Type	Ampere Rating		Catalog Number
	Single Pole	Common-Trip 2-Pole	
QT 2-Pole 10K AIC 120/240V AC Inner Poles Common Trip	15	15	Q21515CT
	15	20	Q21520CT
	15	25	Q21525CT■
	15	30	Q21530CT
	15	35	Q21535CT■
	15	40	Q21540CT
	15	45	Q21545CT■
	15	50	Q21550CT
	20	20	Q22020CT
	20	25	Q22025CT■
	20	30	Q22030CT
	20	35	Q22035CT■
	20	40	Q22040CT
	20	45	Q22045CT■
	20	50	Q22050CT
	30	30	Q23030CT
SHIPPING: 6 per carton, (Wt. 4.9 lbs.)			

Quadplex Circuit Breakers

Breaker Type	Ampere Rating		Catalog Number
	Common-Trip 2-Pole Inside	Common-Trip 2-Pole Outside	
QT 2-Pole 10K AIC 120/240V AC Inner and Outer 2 Poles Common Trip	15	15	Q21515CT2
	20	20	Q22020CT2
	20	30	Q23020CT2
	20	40	Q24020CT2
	30	30	Q23030CT2
	30	40	Q24030CT2
	40	40	Q24040CT2
50	30	Q23050CT2	
SHIPPING: 6 per carton, (Wt. 4.8 lbs.)			

LOAD CENTERS & CIRCUIT BREAKERS



For external accessories please refer to page 1-42.

For inches / millimeters conversion, see Application Data section.

■ Built to order. Allow 2-3 weeks for delivery.

① Non-CTL. For replacement use only in panels manufactured before 1968

Image 2: Diagram illustrating the installation of Siemens QT Duplex circuit breakers in a load center, showing bus bar connection and space requirements.

OPERATION

Circuit breakers like the Siemens Q3015 are designed to protect electrical circuits from damage caused by overcurrent or short circuit. When an overload or short circuit occurs, the breaker will automatically "trip" to the OFF position, interrupting the flow of electricity to that circuit.

- **Turning ON:** To turn a circuit ON, push the breaker handle firmly to the ON position.
- **Turning OFF:** To turn a circuit OFF, push the breaker handle firmly to the OFF position.
- **Resetting a Tripped Breaker:** If the breaker trips, it will move to a central or fully OFF position. To

reset it, first push the handle firmly to the full OFF position, then push it to the ON position. If the breaker immediately trips again, there is likely a persistent fault in the circuit that needs to be addressed by a qualified electrician.

MAINTENANCE

Siemens circuit breakers are generally maintenance-free. However, periodic visual inspection is recommended:

- **Visual Inspection:** Annually inspect the breaker for any signs of physical damage, discoloration, or loose connections.
- **Dust and Debris:** Ensure the area around the breaker within the panel is free from dust and debris, which can impede proper operation or cause overheating.
- **Professional Check:** Consider having a qualified electrician inspect your electrical panel and breakers every few years, especially if you experience frequent tripping or notice any unusual electrical behavior.

TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
Breaker trips frequently.	Overloaded circuit, short circuit, or ground fault.	Reduce load on the circuit. Unplug appliances. If it continues, consult an electrician to check for short circuits or ground faults.
Breaker will not reset.	Persistent fault (short circuit, severe overload) or internal breaker damage.	Ensure all appliances on the circuit are unplugged. Try resetting again (OFF then ON). If it still won't reset, do not force it; call a qualified electrician.
No power to circuit, but breaker is ON.	Loose wiring connection, faulty outlet/fixture, or internal breaker failure.	Check connections at the breaker and outlets/fixtures (with power off). If problem persists, consult an electrician.

SPECIFICATIONS

Attribute	Value
Brand	SIEMENS
Model Number	Q3015
Current Rating	30/15 Amps (Duplex)
Number of Poles	1 (for 1-inch housing)
Voltage Rating	120 Volts
Interrupting Rating (KAIC)	10 KAIC
Circuit Breaker Type	QT (Duplex)
Mounting Type	Plug-In Mount

Attribute	Value
Ground Fault Protection	30mA protection
Dimensions (L x W x H)	3 x 3 x 1 inches
Item Weight	5.9 ounces
UPC	783643156586
Date First Available	May 23, 2012

WARRANTY AND SUPPORT

Specific warranty information for the Siemens Q3015 circuit breaker is typically provided with the product packaging or can be found on the official Siemens website. For technical support, product inquiries, or warranty claims, please refer to the contact information provided by SIEMENS, the manufacturer.

You may visit the official SIEMENS store on Amazon for more information:[SIEMENS Store](#)

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