

SIEMENS Q21550CT

SIEMENS Q21550CT MLD-CS Plug-In Circuit Breaker Instruction Manual

1. INTRODUCTION

This manual provides instructions for the SIEMENS Q21550CT MLD-CS Plug-In Circuit Breaker. This device is designed for overcurrent protection in electrical systems. It is a space-saving triplex breaker, providing two single-pole and one double-pole breaker functions within a compact 1/2-inch frame. It is intended for use in compatible Siemens EQ, Siemens Ultimate, ITE, and Gould load centers and meter combinations that are rated to accept Type QT breakers.

Important Safety Notice: Installation and maintenance of electrical equipment should only be performed by qualified personnel. Always disconnect power before working on electrical systems.

2. PRODUCT FEATURES

- **Model:** SIEQ21550CT
- **Type:** MLD-CS Plug-In Circuit Breaker
- **Configuration:** Triplex breaker (two single-pole, one double-pole)
- **Frame Size:** 1/2-inch
- **Compatibility:** Designed for Siemens EQ, Siemens Ultimate, ITE, and Gould load centers accepting Type QT breakers.
- **Voltage Rating:** 120/240 Volts
- **Current Rating:** 15A (single-pole), 50A (double-pole)

3. INSTALLATION INSTRUCTIONS

Warning: Electrical shock hazard. Installation must be performed by a qualified electrician in accordance with all national and local electrical codes. Ensure power is disconnected at the main service panel before proceeding with installation.

1. **Verify Compatibility:** Confirm that your load center (Siemens EQ, Siemens Ultimate, ITE, or Gould) is rated to accept Type QT breakers. Refer to your load center's wiring diagram.
2. **Prepare the Panel:** Turn off the main power to the electrical panel. Open the panel cover.

3. **Identify Slot:** Locate an available 1/2-inch space in the load center's bus bar.
4. **Install Breaker:** Hook the rear of the circuit breaker onto the bus bar mounting rail. Press the front of the breaker firmly until it snaps into place on the bus bar.
5. **Wire Connections:** Connect the circuit wires to the appropriate terminals on the breaker. The triplex design typically features terminals for two single-pole circuits and one double-pole circuit. Ensure all connections are tight and secure. Refer to the wiring diagram on the breaker for specific terminal assignments and torque specifications.
6. **Close Panel:** Replace the panel cover and restore main power.

Note on Used Breakers: Siemens strongly advises against the use of "used" breakers. Installing used breakers 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.



This image displays the front of the SIEMENS Q21550CT triplex circuit breaker. Visible are the two 15 Amp single-pole breakers on the outer sides and the 50 Amp double-pole breaker in the center. Key specifications such as Current Interrupting Rating (MAX. RMS. SYM. AMPS. 10,000 120/240 V~) and Type QT are also shown, along with UL and CSA certifications.



This image shows a side profile of the SIEMENS Q21550CT circuit breaker, highlighting its compact 1/2-inch frame design and plug-in mounting mechanism. The side view illustrates how the breaker connects to the bus bar within a load center.



The back view of the SIEMENS Q21550CT circuit breaker, featuring the product label with model number SIEQ21550CT, UPC 783643194984, and other manufacturing details. This label confirms the breaker's authenticity and specifications.

4. OPERATION

The SIEMENS Q21550CT circuit breaker functions as an automatic protective device for electrical circuits. When an overcurrent condition (such as an overload or short circuit) occurs, the breaker will automatically trip, interrupting the flow of electricity to prevent damage to wiring and connected devices.

Resetting a Tripped Breaker:

1. **Identify Tripped Breaker:** A tripped breaker will typically be in an intermediate position between ON and OFF, or fully in the OFF position.
2. **Turn OFF:** Firmly push the breaker handle to the full OFF position.
3. **Turn ON:** Firmly push the breaker handle to the full ON position.
4. **Troubleshoot:** If the breaker immediately trips again, do not attempt to reset it repeatedly. This indicates a persistent electrical fault that requires investigation by a qualified electrician.

5. MAINTENANCE

The SIEMENS Q21550CT circuit breaker is a sealed unit and contains no user-serviceable parts. Regular maintenance is generally not required for the breaker itself. However, it is recommended to:

- **Keep Panel Clear:** Ensure the electrical panel area is kept clear of obstructions and debris.
- **Annual Inspection:** Have a qualified electrician periodically inspect your electrical panel and circuit breakers for any signs of wear, damage, or loose connections.
- **Avoid Overloading:** Do not intentionally overload circuits, as this can lead to frequent tripping and premature wear of the breaker.

6. TROUBLESHOOTING

If you experience issues with your SIEMENS Q21550CT circuit breaker, consider the following:

- **Breaker Trips Frequently:** Frequent tripping indicates an issue with the circuit it protects. This could be due to an overloaded circuit, a short circuit, or a ground fault. Do not repeatedly reset a frequently tripping breaker. Consult a qualified electrician to diagnose and resolve the underlying electrical fault.
- **Breaker Does Not Reset:** If the breaker will not stay in the ON position after being reset, there is likely a persistent fault on the circuit. Disconnect all appliances from the circuit and try resetting again. If it still does not reset, contact an electrician.
- **No Power to Circuit, Breaker is ON:** Check if other breakers in the panel are tripped. If not, there might be a loose connection or a fault in the wiring that is not causing the breaker to trip. This requires professional inspection.

Always prioritize safety. If you are unsure about any electrical issue, contact a qualified electrician.

7. SPECIFICATIONS

Feature	Detail
Brand	SIEMENS
Model	SIEQ21550CT (Q21550CT)
Circuit Breaker Type	Standard, Thermal-Magnetic, Plug-In
Mounting Type	Plug-In Mount
Number of Poles	3 (Triplex: two single-pole, one double-pole)
Voltage	240 Volts (120/240V)
Current Rating	15A (single-pole), 50A (double-pole)
Item Weight	0.5 Pounds
UPC / GTIN	783643194984
Included Components	SIEQ21550CT Circuit Breaker

8. WARRANTY INFORMATION

Siemens strongly recommends against the use of "used" breakers. The installation of used breakers in a Siemens panel will void the warranty on the panel. Siemens does not sell used breakers and has not approved any 3rd party sellers to do so.

For specific warranty terms and conditions, please refer to the documentation provided with your Siemens electrical panel or contact Siemens customer support.

9. SUPPORT

For technical assistance, product inquiries, or warranty claims, please contact Siemens customer support. You can find more information and contact details on the official Siemens website or by visiting the [SIEMENS Store on Amazon](#).

Always ensure that any electrical work is performed by a qualified and licensed electrician.