



The Dual Function Circuit Breaker combines Class A 5mA GFCI and Combination Type AFCI, protecting against both Arc Faults and Ground Faults. This, along with the new Self-Test feature, makes it the first in class in electrical safety for homeowners. The 2014 National Electrical Code (NEC) requires both Arc Fault and Ground Fault protection on kitchen and laundry circuits. Before the release of Dual Function Circuit Breakers, the only option to comply with this code was to pair an AFCI circuit breaker with a GFCI receptacle. The Dual Function Circuit breaker combines these 2 devices into one solution that provides both cost savings and less hassle in installation and maintenance. This is a win solution for everyone. Testing GFCI's and AFCI's on a monthly basis is a good idea that is sometimes forgotten. Underwriters Laboratories (UL) suggests that AFCI/GFCI devices be tested every 30 days after installation to ensure they are properly working. Now the new Self-Test feature enables the Dual Function Circuit Breaker to automatically and continuously test itself to ensure that it is working properly. If it is detected that the device has been compromised, the device trips itself. This effortless system guarantees that only the best protection is given to your home at all times.

- Faster installation compared to installing an AFCI breaker and GFI receptacle
- Lower cost compared to AFCI breaker and GFCI receptacle
- Self-test feature as required by UL 943 effective June 2015
- Siemens exclusive LED trip indicator pinpoints cause of trip

Documents



Speed Fax Sections 1



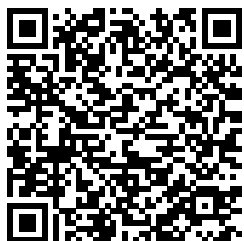
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Certificates

Standard	UL
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Electricity

Supply voltage frequency / rated value	1
/ 50/60 Hz	
Voltage / between phase and Ground (GND) / rated value	120 V
Continuous current / rated value	20 A

General Technical Data

Number of poles	1
Suitability for operation	PERSONEL / PARALLEL AND SERIES ARCING PROTECTION

Mechanical Design

Design of the product	QFGA2
Design of the overload release	THERMAL-MAGNETIC

Model

Type of mounting panel	LOADCENTER
Type of electrical connection	PLUG-IN
Type of connectable conductor cross-sections / at AWG conductors	14 - 8AWG (CU) / 12 - 8AWG (AL)
Product brand name	SIEMENS
Product feature	10kA INTERRUPT

