

Circuit Breakers

Arc-Fault and Ground-Fault Breakers

Selection/Wiring Diagrams

Arc-Fault Circuit Interrupters (AFCI)

AFCI's detect arcing faults (an unintentional arcing condition in a circuit) that standard circuit breakers are unable to detect. The device is intended to mitigate the effects of arcing faults by functioning to de-energize the circuit when an arc-fault is detected.

Combination Type AFCI

Detects all three possible types of arc fault: line-to-ground, line-to-neutral, and series.

Breaker Type	Ampere Rating	10,000 A IR Catalog Number	22,000 A IR Catalog Number	65,000 A IR Catalog Number
QAF2/QAFH2/HQAF2 1-Pole 120V AC	15	QA115AFC [Ⓢ]	QA115AFCH [■] [Ⓢ]	QA115AFCHH
	20	QA120AFC [Ⓢ]	QA120AFCH [■] [Ⓢ]	QA120AFCHH
QAF2/QAF2H 2-Pole 120/240V AC	15	Q215AFC [Ⓢ]	Q215AFCH [■] [Ⓢ]	—
	20	Q220AFC [Ⓢ]	Q220AFCH [■] [Ⓢ]	—

Branch-Feeder AFCI

Detects line-to-ground and line-to neutral arcs.

Breaker Type	Ampere Rating	10,000 A IR Catalog Number	22,000 A IR Catalog Number	65,000 A IR Catalog Number
QAF2/QAFH2/HQAF2 1-Pole 120V AC	15	QA115AF [Ⓢ]	QA115AFH [■] [Ⓢ]	QA115AFHH
	20	QA120AF [Ⓢ]	QA120AFH [■] [Ⓢ]	QA120AFHH

NEW Dual Function AFCI/GFCI

The Dual Function Circuit Breaker combines Combination Type AFCI and GFCI, protecting against both Arc Faults and Ground Faults. The device includes the Self Test and Lockout feature, making it the first in class in electrical safety for homeowners.

Breaker Type	Ampere Rating	10,000 A IR Catalog Number	22,000 A IR Catalog Number	65,000 A IR Catalog Number
QFGA2/QFGAH2/HQFGA2 1-Pole 120V AC	15	QA115DF	Q115DFH	Q115DFHH
	20	QA120DF	Q120DFH	Q120DFHH

Ground-Fault Circuit Interrupters (GFCI)

Provides Class A (5mA) ground fault protection. Intended for personnel protection. De-energizes the circuit for all ungrounded conductors of the circuit.

Breaker Type	Amp Rating	10,000 A IR Catalog No.	22,000 A IR Catalog No.
QPF/QPHF 1-Pole 120V AC Plug-in	15	QF115 [Ⓢ]	QF115H [Ⓢ]
	20	QF120 [Ⓢ]	QF120H [■] [Ⓢ]
	25	QF125 [■]	—
	30	QF130	QF130H
QPF/QPHF 2-Pole 120/240V AC Plug-in	15	QF215	QF215H
	20	QF220	QF220H
	30	QF230	QF230H
	40	QF240	QF240H
	50	QF250	QF250H
	60	QF260	QF260H

Ground Fault Equipment Protection (30mA)

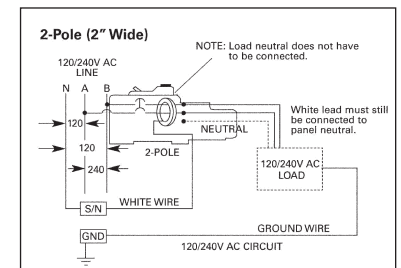
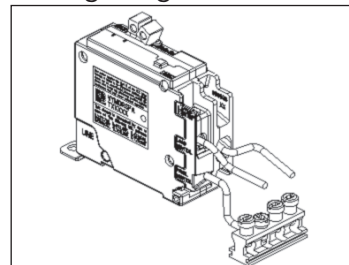
Provides protection of equipment from damaging line-to-ground faults currents. De-energizes the circuit for all ungrounded conductors of the circuit.

Breaker Type	Amp Rating	10,000 A IR Catalog No.	22,000 A IR Catalog No.
QE/QEH 1-Pole 120V AC Plug-in	15	QE115 [Ⓢ]	QE115H [Ⓢ]
	20	QE120 [Ⓢ]	QE120H [Ⓢ]
	30	QE130	QE130H
QE/QEH 2-Pole 120/240V AC Plug-in	15	QE215	QE215H
	20	QE220	QE220H
	30	QE230	QE230H
	40	QE240	QE240H
	50	QE250	QE250H
	60	QE260 [■]	QE260H [■]

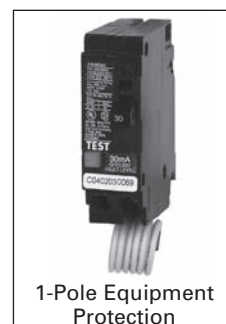
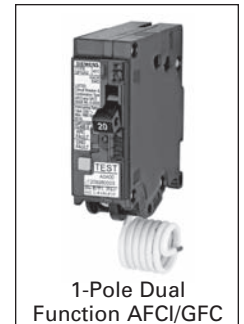
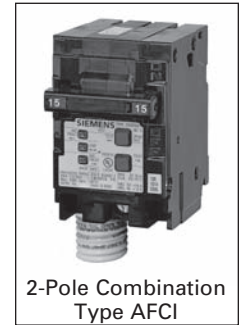
QAF2/QPF/QE Accessories

Description	Catalog Number
Padlocking Device 1-Pole	ECPLD1
Padlocking Device 2-Pole	ECPLD2
Handle Block	ECBX231M

Wiring Diagrams



■ Built to order. Allow 2-3 weeks for delivery.
Ⓢ UL Listed as SWD (Switching Duty) Rated, suitable for 120V AC Fluorescent Lighting.



7 MOLDED CASE CIRCUIT BREAKERS