

Circuit Breakers

Arc-Fault and Ground-Fault Breakers

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	22,000 A IR
		Catalog Number	Catalog Number
QAF/QAFH 1-Pole 120V AC	15 20	Q115AFC ① Q120AFC ①	Q115AFCH ■① Q120AFCH ■①
QAF/QAFH 2-Pole 120/240V AC	15 20	Q215AFC ① Q220AFC ①	Q215AFCH ■① Q220AFCH ■①

Branch-Feeder AFCI

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

QAF/QAFH 1-Pole 120V AC	15 20	Q115AF ① Q120AF ①	Q115AFH ■① Q120AFH ■①
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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.

QPF/QPHF 1-Pole 120V AC Plug-in	15	QF115 ①	QF115H ①
	20	QF120 ①	QF120H ■①
	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.

QE/QEH 1-Pole 120V AC Plug-in	15	QE115 ①	QE115H ①
	20	QE120 ①	QE120H ①
	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 ■

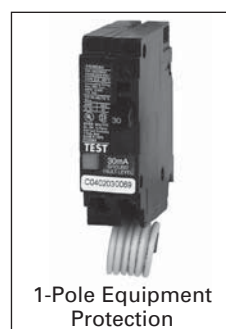
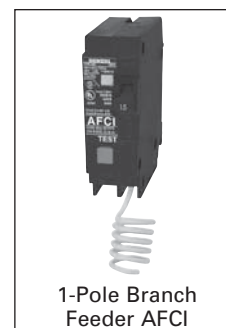
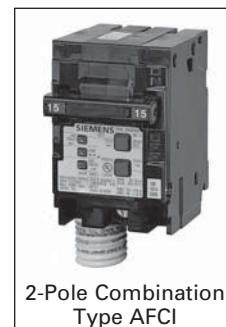
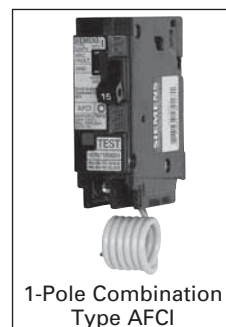
QAF/QPF/QE Accessories

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

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

① UL Listed as SWD (Switching Duty) Rated, suitable for 120V AC Fluorescent Lighting.

Selection/Wiring Diagrams



7 MOLDED CASE CIRCUIT BREAKERS

Wiring Diagrams

