

Circuit Breakers

Arc-Fault and Ground-Fault Breakers

Selection/Wiring Diagrams

Arc-Fault Circuit Interrupters (AFCI)

AFCI's are designed to detect arcing faults (an unintentional arcing condition in a circuit) and mitigate the effects by functioning to de-energize the circuit when an arc-fault is detected.

Combination Type AFCI

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

Breaker Type	Amp Rating	10,000 A IR Catalog No.	22,000 A IR Catalog No.	65,000 A IR Catalog No.
QAF2/QAFH2/HQAF2 1-Pole 120V AC	15	QA115AFC	QA115AFCH	QA115AFCHH
	20	QA120AFC	QA120AFCH	QA120AFCHH
QAF/QAFH 2-Pole 120/240V AC	15	Q215AFC	Q215AFCH	—
	20	Q220AFC	Q220AFCH	—
QTA <i>Coming soon</i> Tandem 120V AC	15/15	Q1515AFC	—	—
	20/20	Q2020AFC	—	—
QAF2N Plug-on Neutral / 1-Pole 120V AC	15	QA115AFCN	—	—
	20	QA120AFCN	—	—
QAFN Plug-on Neutral / 2-Pole 120/240V AC	15	Q215AFCN	—	—
	20	Q220AFCN	—	—
QTAN <i>Coming soon</i> Plug-on Neutral / Tandem 120V AC	15/15	Q1515AFCN	—	—
	20/20	Q2020AFCN	—	—

Dual Function (AFCI/GFCI)

The Dual Function Circuit Breaker combines Combination Type AFCI and 5mA Class A GFCI protection in one device.

Breaker Type	Amp Rating	10,000 A IR Catalog No.	22,000 A IR Catalog No.	65,000 A IR Catalog No.
QFGA2/QFGAH2/HQFGA2 1-Pole 120V AC	15	Q115DF	Q115DFH	Q115DFHH
	20	Q120DF	Q120DFH	Q120DFHH
QFGA2N Plug-on Neutral / 1-Pole 120V AC	15	Q115DFN	—	—
	20	Q120DFN	—	—

Ground-Fault Circuit Interrupters (GFCI)

Class A (5mA) Ground Fault Protection Intended for personnel protection.

Breaker Type	Amp Rating	10,000 A IR Catalog No.	22,000 A IR Catalog No.	65,000 A IR Catalog No.
QPF2 / QPHF2 / HQPF2 1-Pole 120V AC	15	QF115A	QF115AH	QF115AHH
	20	QF120A	QF120AH	QF120AHH
	30	QF130A	QF130AH	QF130AHH
QPF/QPHF 2-Pole 120/240V AC	15	QF215A	QF215AH	—
	20	QF220A	QF220AH	—
	25	QF225A	—	—
	30	QF230A	QF230AH	—
	35	QF235A	—	—
	40	QF240A	QF240AH	—
	45	QF245A	—	—
	60	QF250A	QF250AH	—
QPF2N Plug-on Neutral / 1-Pole 120V AC	15	QF115AN	—	—
	20	QF120AN	—	—
	30	QF130AN	—	—

Ground-Fault Equipment Protection (30mA)

QE2/QEH2 1-Pole 120V AC	15	QE115	QE115H
	20	QE120	QE120H
	30	QE130	QE130H
QE/QEH 2-Pole 120/240V AC	15	QE215	QE215H
	20	QE220	QE220H
	30	QE230	QE230H
	40	QE240	QE240H
	50	QE250	QE250H
	60	QE260	QE260H

Accessories

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

■ Built to order. Allow 8 - 10 weeks for delivery.



1-Pole Combination Type AFCI



2-Pole Combination Type AFCI



1-Pole Dual Function AFCI/GFCI



1-pole Tandem Type AFCI



1-Pole AFCI Plug-on Neutral



1-Pole Dual Function Plug-on Neutral



1-Pole GFCI



2-Pole GFCI



1-Pole Equipment Protection



2-Pole Equipment Protection

MOLDED CASE
CIRCUIT BREAKERS