

# Circuit Breakers

## Arc-Fault and Ground-Fault Breakers

Selection

LOAD CENTERS & CIRCUIT BREAKERS

### 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.
<b>QAF2/QAFH2/HQAF2</b> 1-Pole 120V AC	15	QA115AFC	QA115AFCH	QA115AFCHH
	20	QA120AFC	QA120AFCH	QA120AFCHH■
<b>QAF/QAFH</b> 2-Pole 120/240V AC	15	Q215AFC	Q215AFCH■	—
	20	Q220AFC	Q220AFCH■	—
<b>QTA</b> <i>NEW</i> Tandem 120V AC	15/15	Q1515AFC	—	—
	20/20	Q2020AFC	—	—
<b>QAF2N</b> Plug-on Neutral / 1-Pole 120V AC	15	QA115AFCN	—	—
	20	QA120AFCN	—	—
<b>QAFN</b> Plug-on Neutral / 2-Pole 120/240V AC	15	Q215AFCN	—	—
	20	Q220AFCN	—	—
<b>QTAN</b> <i>NEW</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.
<b>QFGA2/QFGAH2/HQFGA2</b> 1-Pole 120V AC	15	Q115DF	Q115DFH	Q115DFHH■
	20	Q120DF	Q120DFH	Q120DFHH■
<b>QFGA2N</b> 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.
<b>QPF2 / QPHF2 / HQPF2</b> 1-Pole 120V AC	15	QF115A	QF115AH■	QF115AHH
	20	QF120A	QF120AH	QF120AHH■
	30	QF130A	QF130AH■	QF130AHH■
<b>QPF/QPHF</b> 2-Pole 120/240V AC	15	QF215A	QF215AH	—
	20	QF220A	QF220AH■	—
	25	QF225A	—	—
	30	QF230A	QF230AH■	—
	35	QF235A	—	—
	40	QF240A	QF240AH■	—
	45	QF245A	—	—
	50	QF250A	QF250AH■	—
<b>QPF2N</b> Plug-on Neutral / 1-Pole 120V AC	15	QF115AN	—	—
	20	QF120AN	—	—
	30	QF130AN	—	—

#### Ground-Fault Equipment Protection (30mA)

<b>QE2/QEH2</b> 1-Pole 120V AC	15	QE115	QE115H■
	20	QE120	QE120H■
	30	QE130	QE130H■
<b>QE/QEH</b> 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 <sup>①</sup>
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/GFC



1-pole Tandem Type AFCI



1-Pole AFCI Plug-on Neutral



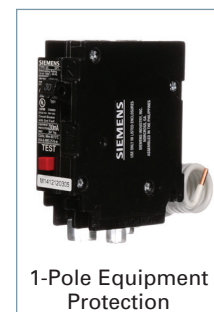
1-Pole Dual Function Plug-on Neutral



1-Pole GFCI



2-Pole GFCI



1-Pole Equipment Protection



2-Pole Equipment Protection