



QO-GFI

Qwik-Gard™ circuit breakers provide overload and short circuit protection, combined with Class A ground fault protection. Class A denotes a ground fault circuit interrupter that will trip when a fault current to ground is 6 mA or more, for people protection. Do not connect to more than 250 feet of load conductor for the total one-way run to prevent nuisance tripping.

Table 1.26: QO-GFI Circuit Breakers

Ampere Rating [18]	Qwik-Gard Circuit Breakers With Ground Fault Circuit Interrupter			
	1P 120 Vac		2P Common Trip 120/240 Vac	3P Common Trip 208Y/120 Vac
	10 k AIR 1 Space Required	22 k AIR 1 Space Required	10 k AIR 2 Spaces Required	10 k AIR 3 Spaces Required
15	QO115GFI	QO115VHGFI	QO215GFI	QO315GFI
20	QO120GFI	QO120VHGFI	QO220GFI	QO320GFI
25	QO125GFI	QO125VHGFI	QO225GFI	—
30	QO130GFI	QO130VHGFI	QO230GFI	QO330GFI
40	—	—	QO240GFI	QO340GFI
50	—	—	QO250GFI	QO350GFI
60	—	—	QO260GFI [19]	—

QO-EPD/EPE

QO-EPD/EPE circuit breakers provide overload and short circuit protection combined with Class B ground fault protection. They are designed to provide ground fault protection of equipment at a 30 mA level (EPD) or 100 mA level (EPE). They are not designed to protect people from electrical shock.



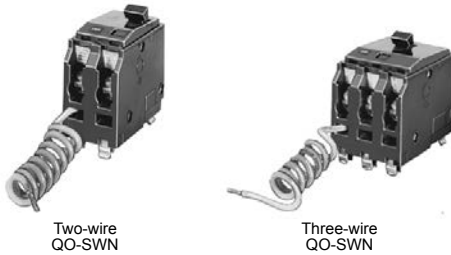
QO 1P
With Shunt Trip

Table 1.27: QO-EPD Circuit Breakers

Ampere Rating [20]	1P 120 Vac 10 k AIR	2P Common Trip 120/240 Vac 10 k AIR	3P Common Trip 240 Vac 10 k AIR	
	1 Space Required	2 Spaces Required	3 Spaces Required	
15	QO115EPD	QO215EPD	QO315EPD [21]	QO315EPE [21]
20	QO120EPD	QO220EPD	QO320EPD [21]	QO320EPE [21]
25	QO125EPD	QO225EPD	—	—
30	QO130EPD	QO230EPD	QO330EPD [21]	QO330EPE [21]
40	—	QO240EPD	QO340EPD [21]	QO340EPE [21]
50	—	QO250EPD	QO350EPD [21]	QO350EPE [21]
60	—	QO260EPD [22]	—	—

QO-SWN

Switch Neutral Common Trip 2008 NEC® 514.11



Two-wire
QO-SWN

Three-wire
QO-SWN

Table 1.28: QO-SWN Circuit Breakers

Ampere Rating [23]	2 Wire 120 Vac 10 k AIR	3 Wire 120/240 Vac 10 k AIR
	2 Spaces Required	3 Spaces Required
10	QO210SWN	QO310SWN
15	QO215SWN	QO315SWN
20	QO220SWN	QO320SWN
25	QO225SWN	QO325SWN
30	QO230SWN	QO330SWN
40	QO240SWN	QO340SWN
50	QO250SWN	QO350SWN

QO-HID

HID circuit breakers are for use on circuits feeding fluorescent and high intensity discharge (HID) lighting systems such as mercury vapor, metal halide, or high pressure sodium. These circuit breakers are physically interchangeable with QO circuit breakers.

Table 1.29: QO-HID Circuit Breakers

Ampere Rating [23]	1P 120/240 Vac 10 k AIR	2P Common Trip 120/240 Vac 10 k AIR	3P Common Trip 240 Vac 10 k AIR
	1 Space Required	2 Spaces Required	3 Spaces Required
15	QO115HID [24]	QO215HID	QO315HID
20	—	QO220HID	QO320HID
25	QO125HID	QO225HID	QO325HID
30	QO130HID	QO230HID	QO330HID
40	QO140HID	QO240HID	—
50	QO150HID	QO250HID	—

[18] 10–30 A circuit breakers are suitable for use with 60°C or 75°C conductors. 35–60 A circuit breakers are suitable for use with 75°C conductors.
 [19] Suitable only for feeding 240 Vac and 208 Vac two-wire loads. Does not contain load neutral connection.
 [20] 10–30 A circuit breakers are suitable for use with 60°C or 75°C conductors. 35–60 A circuit breakers are suitable for use with 75°C conductors.
 [21] See note in Instruction Bulletin when using in an enclosure with a QO403 or QON prefix.
 [22] Suitable only for feeding 240 Vac and 208 Vac two-wire loads. Does not contain load neutral connection.
 [23] 10–30 A circuit breakers are suitable for use with 60°C or 75°C conductors. 35–60 A circuit breakers are suitable for use with 75°C conductors.
 [24] UL Listed as SWD (switching duty) rated. Suitable for switching 120 Vac fluorescent lighting loads.