

QOB Bolt-On Circuit Breakers [1]

Table 9.18: QOB-GFI, QOB-EPD, and QOB-EPE Circuit Breakers

Ampere Rating [2]	One-pole	Two-pole—Common Trip	Three-pole—Common Trip	
	Catalog No.	Catalog No.	Catalog No.	Catalog No.
QOB-GFI—QOB Qwik-Gard™ Circuit Breaker With Ground Fault Circuit Interrupter—UL Class A 4–6 mA People Protection. [3]				
	120 Vac—10 k AIR	120/240 Vac—10 k AIR	208Y/120 Vac—10 k AIR	
15 A	QOB115GFI	QOB215GFI	QOB315GFI	
20 A	QOB120GFI	QOB220GFI	QOB320GFI	
25 A	QOB125GFI	QOB225GFI	—	
30 A	QOB130GFI	QOB230GFI	QOB330GFI	
40 A	—	QOB240GFI	QOB340GFI	
50 A	—	QOB250GFI	QOB350GFI	
60 A	—	QOB260GFI [4]	—	
QOB-VHGFI [5]				
	120 Vac—22 k AIR			
15 A	QOB115VHGFI			
20 A	QOB120VHGFI			
25 A	QOB125VHGFI			
30 A	QOB130VHGFI			
QOB-EPD—QOB Equipment protection circuit breakers with UL Listed 30 mA (EPD) or 100 mA (EPE) equipment protection.				
	120 Vac—10 k AIR	120/240 Vac—10 k AIR	240 Vac—10 k AIR	
15 A	QOB115EPD	QOB215EPD	QOB315EPD[6]	QOB315EPE[6]
20 A	QOB120EPD	QOB220EPD	QOB320EPD[6]	QOB320EPE
25 A	QOB125EPD	QOB225EPD	—	—
30 A	QOB130EPD	QOB230EPD	QOB330EPD[6]	QOB330EPE[6]
40 A	—	QOB240EPD	QOB340EPD[6]	QOB340EPE[6]
50 A	—	QOB250EPD	QOB350EPD[6]	QOB350EPE[6]
60 A	—	QOB260EPD	—	—
QOB-VHEPD				
	120 Vac—22 k AIR			
15 A	QOB115VHEPD			
20 A	QOB120VHEPD			
25 A	QOB125VHEPD			
30 A	QOB130VHEPD			
QOB-HM—High magnetic trip circuit breakers				
15 A	QOB115HM[7]			
20 A	QOB120HM[7]			
QOB-K—Key operated QOB circuit breakers [8]				
	120 Vac—10 k AIR			
10 A	QOB110K			
15 A	QOB115K			
20 A	QOB120K			
25 A	QOB125K			
30 A	QOB130K			

Table 9.19: Standard Interrupting QOB 10,000 AIR Circuit Breakers

Ampere Rating [9]	One-pole	Two-pole—Common Trip	Two-pole—Common Trip [10]	Three-pole—Common Trip
	Catalog No.	Catalog No.	Catalog No.	Catalog No.
QOB Bolt-On				
	120 Vac—10 k AIR 48 Vdc—5 k AIR	120/240 Vac—10 k AIR 48 Vdc—5 k AIR [11]	240 Vac—10 k AIR	240 Vac—10 k AIR 48 Vdc—5 k AIR [11]
10 A	QOB110	QOB210	—	QOB310
15 A	QOB115[7][12]	QOB215[12]	QOB215H	QOB315[12]
20 A	QOB120[7][12]	QOB220[12]	QOB220H	QOB320[12]
25 A	QOB125[12]	QOB225 [12]	QOB225H	QOB325[12]
30 A	QOB130[12]	QOB230[12]	QOB230H	QOB330[12]
35 A	QOB135[12]	QOB235[12]	—	QOB335[12]
40 A	QOB140[12]	QOB240[12]	QOB240H	QOB340[12]
45 A	QOB145[12]	QOB245[12]	—	QOB345[12]
50 A	QOB150[12]	QOB250[12]	QOB250H	QOB350[12]
60 A	QOB160[12]	QOB260[12]	QOB260H	QOB360[12]
70 A	QOB170[12]	QOB270[12]	QOB270H	QOB370[12][11]
80 A	—	QOB280[12][11]	QOB280H	QOB380[12][11]
90 A	—	QOB290[12][11]	QOB290H	QOB390[12][11]

[1] For QO plug-on circuit breakers, see the tables starting on Digest page 7-11.

[2] 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.

[3] Do not connect to more than 250 feet of load conductor for the total one-way run to prevent nuisance tripping.

[4] Suitable only for feeding 240 Vac and 208 Vac two-wire loads. Does not contain load neutral connection.

[5] Recommended for applications where high initial inrush may occur and for individual dimmer applications.

[6] See note in Instruction Bulletin when using in an enclosure with a QO403 or QON prefix.

[7] UL Listed as SWD (switching duty) rated suitable for switching 120 Vac fluorescent lighting loads.

[8] Available in single pole construction and can be mounted in any single pole space which will accept a standard QOB. These circuit breakers can be turned ON or OFF or RESET with a special key (Catalog No. QOK10) included with the circuit breaker. These circuit breakers are UL Listed and available as shown in the table.

[9] 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.

[10] UL Listed 5,000 AIR on 3Ø corner grounded delta systems.

[11] DC Rating is not available on indicated products.

[12] UL Listed as HACR type for use with air conditioning, heating, and refrigeration equipment having motor group combinations and marked for use with HACR type circuit breakers.