

QO™ and QOU Miniature Circuit Breakers

QO™ Miniature Circuit Breakers

Class 730, 731, 733 / Refer to Catalog 0730CT9801

QO™ miniature circuit breakers are plug-on products for use in QO load centers, NQOD panelboards, NQOD OEM interiors or Speed-D™ switchboard distribution panels. Bolt-on QOB circuit breakers are for use in NQOD panelboards or interiors.▲
The QO exclusive Qwik-Open™ mechanism, with a trip reaction within 1/60th of a second, is standard on all 1P 15 A and 20 A QO circuit breakers.

Plug-On Circuit Breakers

Ampere Rating ■	1P—120/240 Vac	2P—120/240 Vac Common Trip	2P—240 Vac ▲ Common Trip	3P—240 Vac Common Trip
	Cat. No.	Cat. No.	Cat. No.	Cat. No.
10 k AIR				
10 A	QO110	QO210	—	QO310
15 A	QO115◆★	QO215◆	QO215H	QO315◆
20 A	QO120◆★	QO220◆	QO220H	QO320◆
25 A	QO125◆	QO225◆	QO225H	QO325◆
30 A	QO130◆	QO230◆	QO230H	QO330◆
35 A	QO135◆	QO235◆	—	QO335◆
40 A	QO140◆	QO240◆	QO240H	QO340◆
45 A	QO145◆	QO245◆	—	QO345◆
50 A	QO150◆	QO250◆	QO250H	QO350◆
60 A	QO160◆	QO260◆	QO260H	QO360◆
70 A	QO170◆	QO270◆	QO270H	QO370◆
80 A	—	QO280◆	QO280H	QO380◆
90 A	—	QO290◆	QO290H	QO390◆
100 A	—	QO2100◆	QO2100H	QO3100◆
110 A	—	QO2110◆	—	—
125 A	—	QO2125◆	—	—
150 A	—	QO2150◆▼▽	—	—
175 A	—	QO2175◆▼▽	—	—
200 A	—	QO2200◆▼▽	—	—
Molded Case Switch 60 A max.—240 Vac		—	QO200	QO300
Molded Case Switch 100 A max.—240 Vac		—	QO2000◆	QO3000◆
22 k AIR◆				
15 A	QO115VH★	QO215VH△	—	QO315VH△
20 A	QO120VH★	QO220VH△	—	QO320VH△
25 A	QO125VH	QO225VH△	—	QO325VH△
30 A	QO130VH	QO230VH△	—	QO330VH△
40 A	—	QO240VH△	—	QO340VH△
50 A	—	QO250VH△	—	QO350VH△
60 A	—	QO260VH△	—	QO360VH△
70 A	—	QO270VH△	—	QO370VH△
80 A	—	QO280VH△	—	QO380VH△
90 A	—	QO290VH△	—	QO390VH△
100 A	—	QO2100VH△□	—	QO3100VH△
110 A	—	QO2110VH△□	—	—
125 A	—	QO2125VH△□	—	—
150 A	—	QO2150VH△▼▽	—	—
175 A	—	QO2175VH△▼▽	—	—
200 A	—	QO2200VH△▼▽	—	—
42 k AIR◆				
40 A	—	QOH240◆	—	—
45 A	—	QOH245◆	—	—
50 A	—	QOH250◆	—	—
60 A	—	QOH260◆	—	—
70 A	—	QOH270	—	—
80 A	—	QOH280	—	—
90 A	—	QOH290	—	—
100 A	—	QOH2100	—	—
110 A	—	QOH2110◆	—	—
125 A	—	QOH2125	—	—
65 k AIR◆				
15 A	QH115★	QH215	—	QH315◆
20 A	QH120★	QH220	—	QH320
25 A	QH125◆	QH225◆	—	QH325◆
30 A	QH130	QH230	—	QH330

QO-QOB Ring Terminal (20% \$ Price Adder)—Factory Installed Only

Ampere Rating	Poles	Suffix
10–30 A	1, 2, 3	5237
35–60 A	1,2	5238
35–50 A	3	
70–110 A	2	5273
60–100 A	3	

Wire Sizes■

Circuit Breaker Type	Ampere Rating	Wire Size (AWG/kcmil)
QO 1P	10–30 A	14–8 Al/Cu
	10–30 A	(2) 14–10 Cu
QO 2P	35–70 A	8–2 Al/Cu
	10–30 A	14–8 Al/Cu
	10–30 A	(2) 14–10 Cu
	35–70 A	8–2 Al/Cu
QO 3P	80–125 A	4–2/0 Al/Cu
	150–200 A	4–300 Al/Cu
	10–30 A	14–8 Al/Cu, (2) 14–10 Cu
QOB-VH	110–150 A	4–300 Al/Cu
QOT	15–20 A	12–8 Al 14–8 Cu
QO-AFI, QO-GFI & QO-EPD	15–30 A	12–8 Al 14–8 Cu
	40, 50, 60 A	8–2 Al 14–6 Cu
QO-PL	10–60 A	12–2 Al 14–2 Cu

Replacement Tandem Circuit Breakers

For Use in Old Style Non-Class CTL QO Load Centers—10 k AIR

Ampere Rating	Cat. No.◆	\$ Price
1P—120/240 Vac—1 Space Required		
15 & 15 A	QO1515	
15 A & 20 A	QO1520	
20 A & 20 A	QO2020	
20 A & 30 A	QO2030	
30 A & 20 A	QO3020	
Two 1P Individual Trip—120/240 Vac—2 Spaces Required		
15 A & 15 A	—	Order Two QO1515 or QO2020 circuit breakers and handle tie QOTHT for common switching of center two poles.
15 A & 20 A	—	
20 A & 20 A	—	
20 A & 30 A	QO20303020★	
30 A & 20 A	—	



QO 1P
1 Space Required



QOT 1P Tandem
1 Space Required



QO 2P
2 Spaces Required



QO2200 2P 200 A
4 Spaces Required



QO 3P
3 Spaces Required

- ▲ See Section 1 for load centers, and Section 5 for panelboards and interiors.
 - 10–30 A circuit breakers are suitable for use with 60°C or 75°C conductors. 35–125 A circuit breakers are suitable for use with 75°C con Delta systems.
 - ◆ CSA/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.
 - ★ CSA/UL Listed as SWD (switching duty) rated. Suitable for switching 120 Vac fluorescent lighting loads.
 - ▼ Requires four spaces (1 AWG–300 kcmil Al/Cu.) Suitable for switching 120 Vac fluorescent lighting loads.
 - △ CSA/UL Listed for use ahead of QO, QO-GFI, QO-EPD, QO-AFI, QOT, QOCAFI, and QO-PL 10 k AIR circuit breakers to permit their application at 22 kA fault level.
 - 100 A maximum branch mounted opposite.
 - ◆ Order only. Contact your local Field Office.
 - ★ Includes two circuit breakers (one QO2030 and one QO3020) and handle tie QOTHT.
 - ▽ Not suitable for use in 3Ø panels. Use only in 1Ø panel rated 150 A or greater.
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