

Low Ampere QOU

Low Ampere QOU Miniature Circuit Breakers

QOU unit mount miniature circuit breakers (cable-in/cable-out) are ideal for OEM applications. They have the Square D™ circuit breaker's unique Visi-Trip™ feature and can be DIN rail-mounted or surface- or flush-mounted using mounting feet. Mounting feet not provided [28].

General Specifications Common to All Low Ampere QOU Circuit Breakers

- For convenient flush mount, surface mount or DIN mount (symmetrical rail 35 x 7.5 DIN/EN 50 022)
- Single handle with internal common trip
- Terminal lug wire size (1) 14–2 AWG Cu or Al
- Reversible line and load lugs
- Field-installable quick connectors
- UL Listed 48 Vdc (5 k AIR)
- UL Listed as HACR Type: 10–70 A
- High magnetic trip circuit breakers (QOU-HM) are recommended for applications where high initial inrush may occur and for individual dimmer applications.
- For DIN mounting rails, see IEC Starters and Relays, Section 18.

Table 7.21: QOU Low Ampere Miniature Circuit Breakers

Ampere Rating	Cat. No.			
	1P 120/240 Vac	2P 120/240 Vac	2P 240 Vac [29]	3P 240 Vac
10 k AIR				
10 A	QOU110	QOU210	—	QOU310
15 A	QOU115	QOU215	QOU215H	QOU315
20 A	QOU120	QOU220	QOU220H	QOU320
25 A	QOU125	QOU225	QOU225H OBS	QOU325
30 A	QOU130	QOU230	QOU230H	QOU330
35 A	QOU135	QOU235	—	QOU335
40 A	QOU140	QOU240	—	QOU340
45 A	QOU145 OBS	QOU245	—	QOU345
50 A	QOU150	QOU250	—	QOU350
60 A	QOU160	QOU260	—	QOU360
70 A	QOU170	QOU270	—	QOU370
22 k AIR				
15 A	QOU115VH	QOU215VH	—	QOU315VH OBS
20 A	QOU120VH	QOU220VH	—	QOU320VH
25 A	QOU125VH OBS	QOU225VH OBS	—	QOU325VH OBS
30 A	QOU130VH	QOU230VH	—	QOU330VH
35 A	QOU135VH OBS	QOU235VH OBS	—	—
40 A	QOU140VH OBS	QOU240VH OBS	—	—
45 A	QOU145VH OBS	QOU245VH OBS	—	—
50 A	QOU150VH OBS	QOU250VH	—	—
60 A	QOU160VH	QOU260VH	—	—

OBS This product is obsolete.

Table 7.22: QOU-HM Miniature Circuit Breakers (10 k AIR)

Ampere Rating	Cat. No.			
	1P 120/240 Vac	2P 120/240 Vac	2P 240 Vac	3P 240 Vac
15 A	QOU115HM	—	—	—
20 A	QOU120HM	—	—	—

Table 7.23: QYU UL1077 Recognized Supplementary Protectors (5 k AIR)

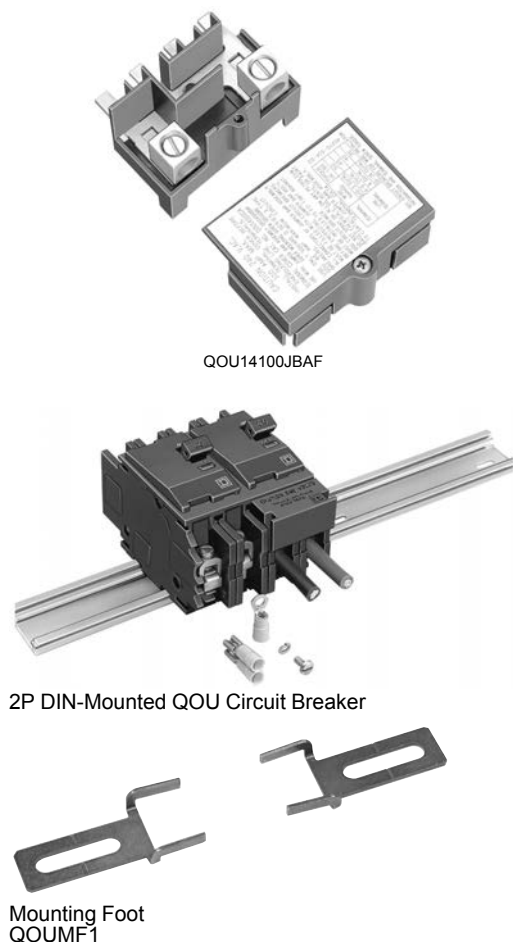
Ampere Rating	Cat. No.			
	1P 277 Vac	2P 120/240 Vac	2P 240 Vac	3P 240 Vac
10 A	QYU110 OBS	—	—	—
15 A	QYU115 OBS	—	—	—
20 A	QYU120 OBS	—	—	—
25 A	QYU125 OBS	—	—	—
30 A	QYU130 OBS	—	—	—

OBS This product is obsolete.

[28] See QOU Accessories, page 7-21.
[29] QOU-H interrupting rating is 10 kA at 240 Vac.

QOU Accessories

Table 7.26: Accessories for QOU Low Ampere Circuit Breakers (Except as Noted)



Description	Order Qty.	Cat. No.
Factory-installed ring tongue terminal, 10–32 screw, for 1P, 2P, 3P QOU, 10–60 A	—	Suffix -5283
Hex drive 5/32 in. wire binding screw for QOU	—	Suffix -5280
For padlocking 1P low ampere QOU circuit breaker in OFF or ON position	—	QOU1PA ^{OBS}
For padlocking 2P and 3P low ampere QOU circuit breaker in OFF or ON position	—	QOU1PL
For padlocking 1P low ampere QOU circuit breaker in OFF position only	—	QOU1PAFLA
For padlocking 2P and 3P low ampere QOU circuit breaker in OFF position only	—	QOU2PAFLA
For padlocking 2P and 3P high ampere QOU circuit breaker in OFF position only	—	Suffix -7100
Handle lock-out, ON or OFF position	—	HLO1
4P 100 A Jumper bar assy. w/front wiring with base, cover and screw	1	QOU14100JBAF
4P 100 A Jumper bar assy. w/right side wiring with base, cover and screw	1	QOU14100JBAR ^{OBS}
4P 100 A Jumper bar assy. w/left side wiring with base, cover and screw	1	QOU14100JBAL
1Ø, 4P, 100 A Jumper bar base with front wiring	40	QOU14100BAFB
1Ø, 4P, 100 A Jumper bar base with left side wiring	40	QOU14100BALB
1Ø, 4P, 100 A Jumper bar base with right side wiring	40	QOU14100BARB
4P Jumper bar cover	40	QOU14100CAB
Mounting screw for jumper bar cover	40	QOU1CMSB ^{OBS}
6P 150 A Jumper bar assy. w/front wiring with base, cover and screw	1	QOU16150JBAF
1Ø, 6P, 150 A Jumper bar base with front wiring	40	QOU16150BAFB
1Ø, 6P, 150 A Jumper bar base with left side wiring	40	QOU16150BALB ^{OBS}
1Ø, 6P, 150 A Jumper bar base with right side wiring	40	QOU16150BARB ^{OBS}
6P jumper bar cover	40	QOU16150CAB ^{OBS}
Vertical rainproof cover 2P and 3P QO, QOU, FA and KA	1 10	BCV [30] BCVB ^{OBS}
Horizontal rainproof cover 2P QO, QOU, and 3P Q2, EH	1 10	BCH [30] BCHB [30]
1P Fingersafe TM cover for high ampere QOU circuit breaker	1 40	QOUHFSC1 QOUHFSC1B ^{OBS}
1P Fingersafe cover for low ampere QOU circuit breaker	1 40	QOULFSC1 QOULFSC1B
Cover plate for one 2P QOU circuit breaker	1 40	QOUCP2 ^{OBS} QOUCP2B
Cover plate for one 3P QOU circuit breaker	1 40	QOUCP3 ^{OBS} QOUCP3B
Cover plate for two 2P QOU circuit breakers	1 40	QOUCP4 ^{OBS} QOUCP4B
Cover plate for three 2P QOU circuit breakers	1 40	QOUCP6 ^{OBS} QOUCP6B
Field-installable ring tongue terminal adaptor	1 80	QOURT QOURTB
Quick connector end connection wiring	1 40	QOUQC QOUQCB
Quick connector forward or reverse wiring	1 40	QOUFR ^{OBS} QOUFRB
1P QOU mounting foot	1 80	QOUMF1 [30] QOUMF1B [30]
2P QOU mounting foot	1 40	QOUMF2 [30] QOUMF2B [30]
3P QOU mounting foot	1 24	QOUMF3 ^{OBS} QOUMF3B [30]
Tapped mounting foot for QOU, 1P and 2P 10–70 A, 3P 10–60 A		
Packaged with circuit breaker		Suffix -3100
Individually packaged	1	QOUMFS1
Bulk packed	80	QOUMFS1B ^{OBS}
Mechanical interlock attachment: Used to interlock two circuit breakers mounted side-by-side so that only one circuit breaker can be ON at a time. A 1P or 2P circuit breaker can be mounted on the left and interlocked with a 2P or 3P circuit breaker on the right.	1	QOU2DTILA [31]

^{OBS} This product is obsolete.

QOUQ Low Ampere Circuit Breakers

QOUQ low ampere circuit breakers with four-point quick-connect terminals are provided with permanent factory-installed terminals which are affixed to the Load or OFF end of the circuit breaker. This special terminal will accommodate up to four 1/4-inch insulated female quick connect wire terminations. Total ampacity of these connections must not exceed the rating of the circuit breaker.

Table 7.27: QOUQ Four-Point Quick-Connect Terminals

	Poles	Order Qty.	Cat. No.
Four-Point Quick-Connect Terminals	1	1	Change QOU to QOUQ
	2	1	
	3	1	

The QOU uses the same electrical accessories as the QO. See the QO information for available electrical accessories.

[30] For use on low and high ampere QOU.
[31] 10–70 A 1P and 2P, 10–60 A 3P.