

DESCRIPTION

SQUARE D® Type Q2 molded case circuit breakers and switches are rated 240 Vac, 225 A max. and are available in either unit-mount construction or I-LINE® group-mounted construction.

Applications

Q2 circuit breakers are used for overcurrent protection and switching on ac systems. Q2 circuit breakers are rated either 120/240 Vac or 240 Vac and are available with UL® Listed interrupting ratings from 10,000 to 42,000 A rms symmetrical. Unit-mount circuit breakers are available with lugs on both ends for bussed applications. Q2 circuit breakers may be mounted in individual enclosures, metering devices, panelboards or switchboards.

Figure 1: Q2 Unit-mount Circuit Breakers

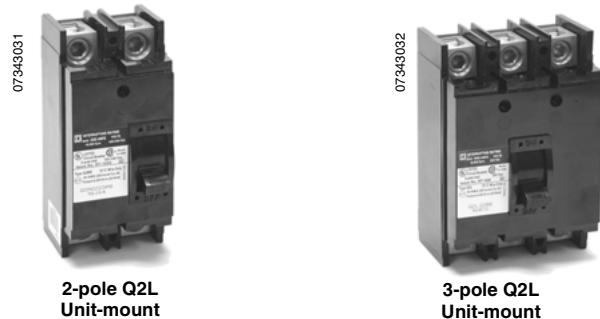


Figure 2: Q2 I-LINE Group-mounted Circuit Breaker



Figure 3: Q2M Main Circuit Breakers

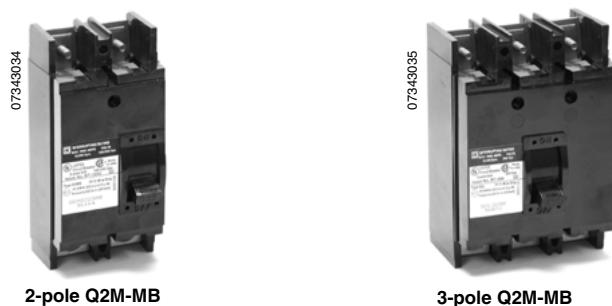


Table 1: Q2 225 A Frame Circuit Breakers (225 A Max., 240 Vac)

Ampere Rating	2-pole—240 Vac ⁽¹⁾		3-pole—240 Vac	
	Unit-mount Circuit Breaker	I-LINE Circuit Breaker (3" H)	Unit-mount Circuit Breaker	I-LINE Circuit Breaker (4.5" H)
10,000 A RMS—UL Listed Interrupting Rating				
100	Q2L2100	Q222100 ⁽²⁾	Q2L3100	Q232100
110	Q2L2110	Q222110 ⁽²⁾	Q2L3110	Q232110
125	Q2L2125	Q222125 ⁽²⁾	Q2L3125	Q232125
150	Q2L2150	Q222150 ⁽²⁾	Q2L3150	Q232150
175	Q2L2175	Q222175 ⁽²⁾	Q2L3175	Q232175
200	Q2L2200	Q222200 ⁽²⁾	Q2L3200	Q232200
225	Q2L2225	Q222225 ⁽²⁾	Q2L3225	Q232225
MCS ⁽³⁾ (225 A)	Q2L2000M	Q222000M ⁽²⁾	Q2L3000M	Q232000M
22,000 A RMS—UL Listed Interrupting Rating				
100	Q2L2100H	(4)Q222100 ⁽²⁾ H	Q2L3100H	Q232100H
110	Q2L2110H	(4)Q222110 ⁽²⁾ H	Q2L3110H	Q232110H
125	Q2L2125H	(4)Q222125 ⁽²⁾ H	Q2L3125H	Q232125H
150	Q2L2150H	(4)Q222150 ⁽²⁾ H	Q2L3150H	Q232150H
175	Q2L2175H	(4)Q222175 ⁽²⁾ H	Q2L3175H	Q232175H
200	Q2L2200H	(4)Q222200 ⁽²⁾ H	Q2L3200H	Q232200H
225	Q2L2225H	(4)Q222225 ⁽²⁾ H	Q2L3225H	Q232225H
42,000 A RMS—UL Listed Interrupting Rating				
100	Q2LH2100	Q2H22100 ⁽²⁾	—	—
110	Q2LH2110	Q2H22110 ⁽²⁾	—	—
125	Q2LH2125	Q2H22125 ⁽²⁾	—	—
150	Q2LH2150	Q2H22150 ⁽²⁾	—	—
175	Q2LH2175	Q2H22175 ⁽²⁾	—	—
200	Q2LH2200	Q2H22200 ⁽²⁾	—	—
225	Q2LH2225	Q2H22225 ⁽²⁾	—	—

¹ 10,000 AIC 2-pole breakers rated 120/240 Vac.

² I-LINE 2-pole circuit breaker catalog numbers are completed by adding the required phase connection letters as a suffix to the circuit breakers listed in the table below.

³ MCS = Automatic molded case switch

⁴ 2-pole Q2-H Rated 10,000 AIC 240 Vac. 3-phase ground, B-phase

Table 2: Example: 150 A, 240 Vac Circuit Breakers¹ (Phase Connections and Number of Poles as Shown)

Phase Connection	1-pole	2-pole	3-pole
A-B	—	Q2 22150-AB	—
A-C	—	Q2 22150-AC	—
B-C	—	Q2 22150-BC	—
A-B-C	—	—	Q2 32150

¹ Bolt-on branch circuit breakers are available, add letter B to catalog number prefix. (i.e. Q2B-).

