

Type MSQ, 3/4 Inch Plug-In Breakers

Features

- 3/4" format.
- HACR Rated.
- UL Classified for use in certain Square D® load centers.

Type MSQ Circuit Breakers

The Type MSQ circuit breaker line is available in 1-pole and 2-pole common trip versions listed on this page.

The circuit breakers are UL Classified and UL Listed.

All MSQ breakers are supplied with load side connectors suitable for 60/75°C wire and are calibrated for 40°C maximum ambient applications.

UL Classified

Murray Type MSQ circuit breakers are UL Classified for use in specific Square D® load centers in place of Square D® Type QO® circuit breakers. A Panelboard Compatibility List packaged with each QD breaker shows which type MSQ circuit breakers are acceptable for use in Square D® load centers.

The interrupting rating on these circuit breakers is 10,000A IR maximum and they are **not** series rated with Square D® circuit breakers or equipment. This UL Classification allows a Murray Type MSQ circuit breaker to be used in place of a Square D® Type QO circuit breaker in those load centers that are specifically shown on the Panelboard Compatibility list. For additional information, contact your local Murray sales engineer.



Continuous Current Rating @ 40°C	1-Pole	2-Pole
	120V	120/240V Common Trip
	Catalog Number	Catalog Number
15	MQ115 ^①	MQ215
20	MQ120 ^①	MQ220
30	MQ130	MQ230
40	MQ140	MQ240
50	MQ150	MQ250
60	MQ160	MQ260

Shipping Weights

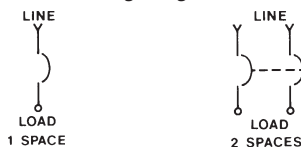
Number of Poles	Number Per Carton	Shipping Weight (lbs.)
1	16	3.8
2	8	4.2

Panelboard Compatibility List

Listed Panelboards—Square D®—Catalog Numbers

QO2L30F/S	QO12M100/RB	QO120-30M150/RB	QO130-40M200
QO2-4L70F/S	QO16-20M100/RB	QO124L150G	QO130M200/RB
QO2-4L70TS	QO16M100/RB	QO124M150	QO130-40L200G/RB
QO2-4L70RB	QO20M100/RB	QO130L150G/RB	QO140M200/RB
QO6-12L100F/S	QO112L125G/RB	QO130M150/RB	QO16L200/RB
QO6-12L100DF/S	QO112-24L125G/RB	QO16L150/RB	QO16M200/RB
QO6-12L100TF/S	QO112-24L125GWGC	QO16M150/RB	QO18-16M200FTRB
QO6-12L100DTF/S	QO116L125G	QO16-30L150/RB	QO20-40L200/RB
QO6-12L100RB	QO116-24L125G/RB	QO18-16M150FTRB	QO20-40M200TF/S
QO8-16L100F/S	QO12-24L125/RB	QO20-30M150/RB	QO20-40M200/RB
QO8-16L100DF/S	QO120-24L125G	QO20-30M150TF/S	QO24L200/RB
QO8-16L100TF/S	QO120-24L125GWGC	QO20-30L150	QO24M200/RB
QO8-16L100DTF/S	QO120L125G	QO24L150/RB	QO30L200/RB
QO8-16L100RB	QO124L125G/RB	QO24M150/RB	QO30M200/RB
QO112M100/RB	QO124M125/RB	QO30L150/RB	QO30-40L200/RB
QO116M100/RB	QO16L125/RB	QO30M150/RB	QO30-40M200/RB
QO120M100/RB	QO16-12M125FTRB	QO8-16M200FT/RB	QO40M200/RB
QO124M100	QO16-24L125/RB	QO112L200G/RB	QO140M225
QO12L100DF/S	QO20L125/RB	QO120-40M200/RB	QO142L225G/RB
QO12L100RB	QO20-24L125/RB	QO120-40M200TC	
QO12-20M100/RB	QO24L125/RB	QO124M200	
QO12-20M100TF/S	QO120-30L150G	QO130L200G/RB	

1-Pole 2-Pole Wiring Diagrams



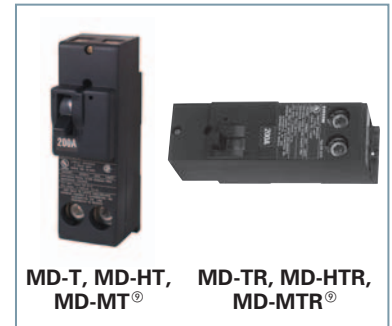
^①UL Listed for frequent switching applications (SWD). 120V AC Fluorescent Lighting. One or two load conductors.
^②Square D is a registered trademark of Schneider Electric.

Circuit Breakers



Main and Branch Circuit Breakers^①

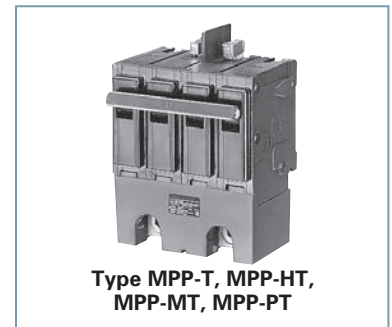
Breaker Type	Ampere Rating	Catalog Number	Catalog Number ^{②④}	UL Interrupting Ratings (kA)
MD-T^③ 2-Pole 120/240V AC	150	MPD2150	MPD2150R	10
	175	MPD2175■	MPD2175R■	10
	200	MPD2200	MPD2200R	10
MD-HT^③ 2-Pole 120/240V AC	150	MPD2150KH	MPD2150RH	22
	175	MPD2175KH■	MPD2175RH■	22
	200	MPD2200KH	MPD2200RH	22
MD-MT^③ 2-Pole 120/240V AC	150	MPD2150KM	MPD2150RM	65
	175	MPD2175KM■	MPD2175RM■	65
	200	MPD2200KM	MPD2200RM	65



Breaker Type	Ampere Rating	Catalog Number	UL Interrupting Ratings (kA)
M1^⑤ 2-Pole 120/240V AC	100	MBK100M ^⑥	22
	125	MBK125M ^⑥	22
M2^⑤ 2-Pole 120/240V AC	150	MBK150M ^⑥	22
	175	MBK175M ^⑥	22
	200	MBK200M ^⑥	22
	225	MBK225M ^⑥	22



Breaker Type	Ampere Rating	Catalog Number	UL Interrupting Ratings (kA)
ED-A^⑥ 3-Pole 240V AC	125	EP3125	10
	150	EP3150	10
	200	EP3200	10
	175	EP3175	10
	225	EP3225	10



Breaker Type	Ampere Rating	Catalog Number	UL Interrupting Ratings (kA)
MPP^⑦ 2-Pole 120/240V AC	125	MPP2125	10
	150	MPP2150	10
	175	MPP2175■	10
	200	MPP2200	10
	225	MPP2225	10
MPP-HT^⑦ 2-Pole 120/240V AC	125	MPP2125KH	22
	150	MPP2150KH	22
	175	MPP2175KH■	22
	200	MPP2200KH	22
MPP-MT^⑦ 2-Pole 120/240V AC	125	MPP2125KM■	65
	150	MPP2150KM■	65
	175	MPP2175KM■	65
MPP-PT^⑦ 2-Pole 120/240V AC	200	MPP2200KM	65
	225	MPP2225KM■	65
	100	MPP2100KP■	100
	125	MPP2125KP■	100
MPP-PT^⑦ 2-Pole 120/240V AC	150	MPP2150KP■	100
	175	MPP2175KP■	100
	200	MPP2200KP■	100
	225	MPP2225KP■	100



■ Built to order. Allow 2-3 weeks for delivery.
 ① All circuit breakers on this page are common trip.
 ② Reverse handle, ON toward lugs. See page 2-23.
 ③ Requires 4 panel spaces, 2 adjacent, and 2 opposite.
 ④ For use as load center branch and/or replacement main for old-style load center.
 ⑤ Main breaker kit for Rock Solid load center
 ⑥ Requires 6 spaces due to cross over design.

⑦ 4-poles wide for use with 200A modular and Uni-Pak metering
 ⑧ For use with breaker types MD-T(R), MD-HT(R), MD-MT(R)
 ⑨ MD-TR required for horizontal mounting applications as shown, or for vertical applications when the lugs are on top. MD-T required for vertical mounting applications with the lugs on the bottom as shown.

⑩ MBK100M for use with 100A and 125A Rock Solid load centers only. MBK125M for use with 125A Rock Solid load centers only.
 ⑪ MBK150M for use with 150A, 200A, and 225A Rock Solid load centers only. MBK200M for use with 200A and 225A Rock Solid load centers only. MBK225M for use with 225A Rock Solid load centers only.