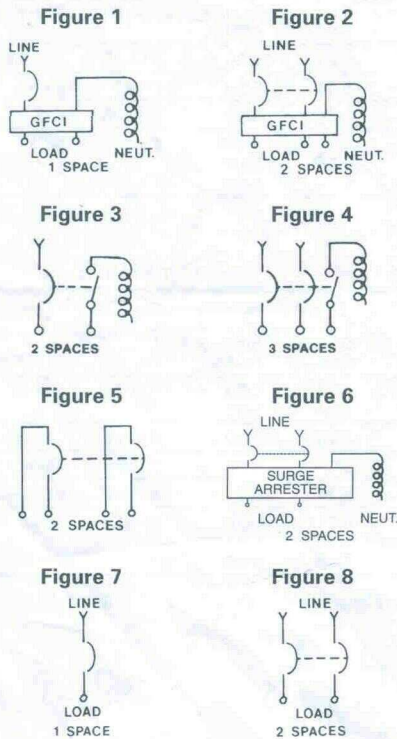




Wire range is lug capacity. Refer to National Electrical Code for specific wire sizes.

Accessories—See page CB-12.



GFCI Circuit Breakers^①

UL listed as Class A Devices (5 milliamp sensitivity)

Amps	Symb.	Catalog #	List Each	Std. Master/ Carton	Approx. Wgt. Lbs. Master/ Carton	Wire Range	
						Cu	Al
1 Pole 120V AC (Type MP-GT)							
15	Fig-1	MP115GF	163.00	1/30	.5/15	#14-#8	#14-#8
20		MP120GF	163.00	1/30	.5/15		
30		MP130GF	163.00	1/30	.5/15	#14-#6	#12-#6
2 Pole 120/240V AC (Type MP-GT)							
15	Fig-2	MP215GF	291.50	1/10	1/10	#14-#10	#12-#8
20		MP220GF	291.50	1/10	1/10		
30		MP230GF	291.50	1/10	1/10	#14-#4	#14-#4
40		MP240GF	291.50	1/10	1/10		
50		MP250GF	291.50	1/10	1/10		
60		MP260GF	291.50	1/10	1/10		

Discount Schedule "I"

Surge Arrester Circuit Breaker 120/240V AC (Type MP-T)^①

Requires two 1" adjacent load center spaces. Outer two 1/2" poles are independent single pole circuit breakers. Surge arrester is rated 920 joules, line to line. Clamping value is 600 volts @ 3000 amps, line to neutral. Pigtail *must* be connected to load center neutral.

Amps ^②	Symb.	Catalog #	List Each	Std. Pkg.	Approx. Wgt. Lbs.	Wire Range	
						Cu	Al
15	Fig-6	MSA1515	158.00	1	1.00	#14-#4	#12-#4
20		MSA2020	158.00	1	1.00		

Switched Neutral^① (Type MG)

Used for gas pump circuits. Neutral pole of breaker does not connect to load center bus.

Amps	Symb.	Catalog #	List Each	Std. Pkg.	Approx. Wgt. Lbs.	Wire Range	
						Cu	Al
1 Pole 120V AC							
15	Fig-3	MP215SN	62.00	1	.6	#14-#8	#12-#8
20		MP220SN	62.00	1	.6		
2 Pole 120/240V AC							
20	Fig-4	MP320SN	93.00	1	.75	#14-#8	#12-#8

3/4" Format Circuit Breakers^① (Type MSQ)

UL Classified for use in certain Square D load centers. Refer to panelboard compatibility list packaged with each circuit breaker for specific panelboards. Type MSQ circuit breakers are rated 10,000 AIC and *cannot* be used in series with higher IC-Rated Square D circuit breakers.

Amps	Symb.	Catalog #	List Each	Std. Sleeve/ Master	Approx. Wgt. Lbs. Sleeve/ Master	Wire Range	
						Cu	Al
1 Pole 120/240V AC (Type MSQ)							
15	Fig-7	MQ115	21.00	16/64	4/16	#14-#10	—
20		MQ120	21.00	16/64	4/16		
30		MQ130	21.00	16/64	4/16	#14-#6	#12-#6
40		MQ140	21.00	16/64	4/16	#8-#6	#8-#4
50		MQ150	21.00	16/64	4/16		
60		MQ160	21.00	16/64	4/16	#8-#6	#8-#3
2 Pole 120/240V AC (Type MSQ)							
15	Fig-8	MQ215	46.50	8/32	4/16	#14-#10	—
20		MQ220	46.50	8/32	4/16		
30		MQ230	46.50	8/32	4/16	#14-#6	#12-#6
40		MQ240	46.50	8/32	4/16	#8-#6	#8-#4
50		MQ250	46.50	8/32	4/16		
60		MQ260	46.50	8/32	4/16	#8-#6	#8-#3

AFCI Arc Breakers^① (NEW PRODUCT)

UL listed Arc-Fault Circuit Interrupted

Amps	Symb.	Catalog #	List Each	Std. Master/ Carton	Approx. Wgt. Lbs. Master/ Carton	Wire Range	
						Cu	Al
1 Pole 120V AC (Type MP-AF)							
15	Fig-1	MP115AF	163.00	1/30	.5/15	#14-#8	#14-#8
20		MP120AF	163.00	1/30	.5/15		

① UL Listed for use with 60/75°C wire.
② Two independent outside circuit breaker poles.

Time-Current Characteristic Curves

125 Amp MP Frame, Type MP-T, 1, 2 & 3 Poles

For application and coordination purposes only. Based on 40°C ambient cold start. Connected with 4 feet of rated wire (75°C) per terminal. Tested in open air with current in all poles.

Type MP-T 60 HZ 1-Pole 120/240 Volts
60 HZ 2-Pole 120/240 Volts
60 HZ 3-Pole 240 Volts

1 Pole Instantaneous Trip Table

Rating Amperes	Fixed Instantaneous Trip Amperes
15-20	160-210
25-40	350-550
45-50	450-700

2 & 3 Pole Instantaneous Trip Table

Rating Amperes	Fixed Instantaneous Trip Amperes
15, 25-35	350-700
20	450-700
40	350-550

Interrupting Rating Symmetrical RMS Amperes

Breaker Type	120V	120/240V	240V
1-Pole	—	10,000	—
2-Pole	—	10,000	—
3-Pole	—	—	10,000

Footnotes refer to curve at right.

① Single pole test data at 25°C in accordance with NEMA standards.

0-30 amperes—50 seconds

31-50 amperes—80 seconds

② Sample Instantaneous shown (20 Amp 1, 2 & 3 Pole). For other instantaneous values, see tables above.

Industry and Government Specifications

Murray circuit breakers meet or exceed the latest edition of the following specifications:

Industry

NEMA—Standard #AB1

UL —Standard #489

CSA —Standard #C22.1, No. 5.1

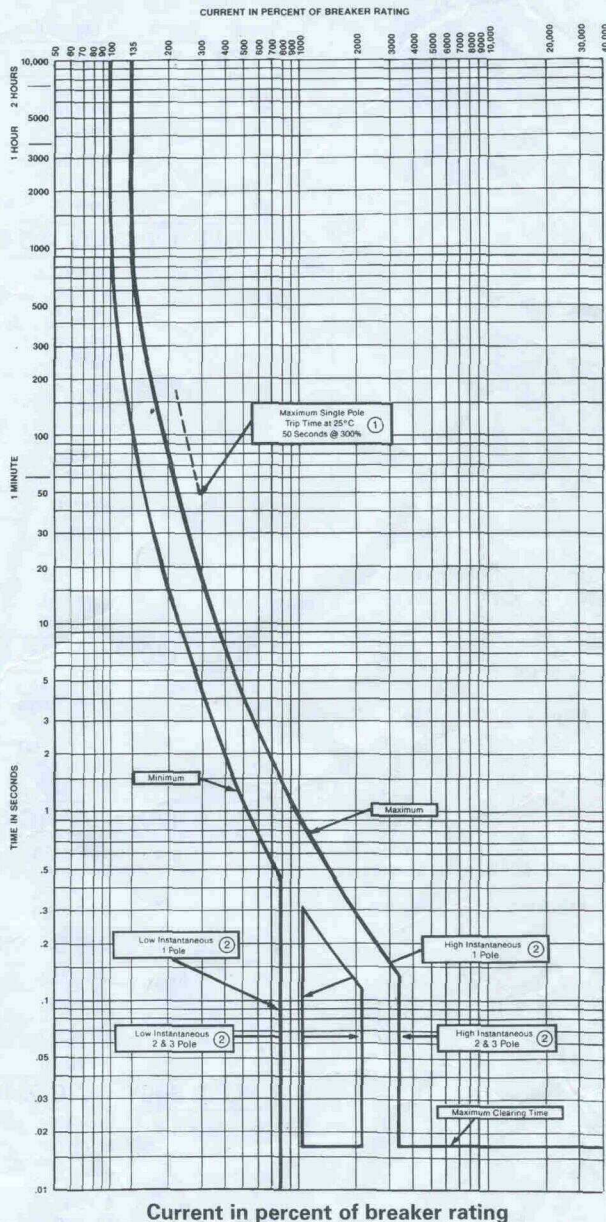
U.S. Government

Standard #W-C-375B

60°C/75°C Ampacity Rating

Murray circuit breakers rated 125A and below are Listed by UL for use with 60°/75°C ampacities. This listing allows use of smaller wire sizes in many applications. Consult NEC Article #310 for application details and limitations.

Murray Time-Current Characteristic Curves 125 AMP MP Frame, Type MP-T 1, 2 & 3 Poles



Circuit Breaker UL Type

Catalog # Prefix	UL Type*
MP(150-200A)	MD-A, MD-H, MD-T, MD-HT
MP(15-125A)	MP-T, MP-HT, MP-MT, MG, MW
MP(Duplex)	MH-T
MP(Triplex)	MH-T
MP(GFCI)	MP-GT, MP-HGT
MP(AFCI)	MP-AF, MP-HAF

*UL Type is shown on circuit breaker label.

SWD

Full size, single pole 15&20 amp, UL Type MP-T circuit breakers are UL Listed "SWD", for switching duty use on circuits controlling fluorescent lights. (1996 NEC article #240-83d).

HACR

All Murray circuit breakers are UL Listed "HACR" rated for use on heating, air conditioning and refrigeration circuits per 1996 NEC article #430-53 (c) (3).