

# Circuit Breakers

## Technical Information

### 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 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

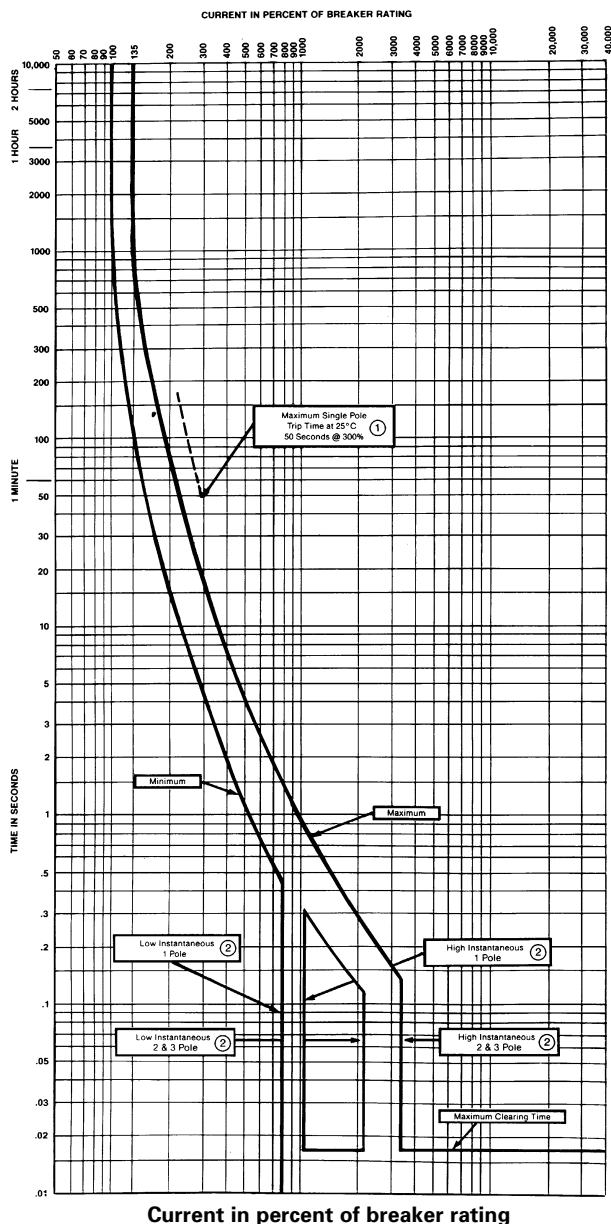
### U.S. Government

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-AT, MP-HAT

\*UL Type is shown on circuit breaker label.

### SWD

MP-T circuit breakers are UL Listed "SWD", for switching duty use on circuits controlling fluorescent lights. 2005 NEC Article 240-83 (D).