



SERIES 1200

RAISING THE BAR
MP - COUNT ON IT

Reliable on land or sea
Economical & Compact

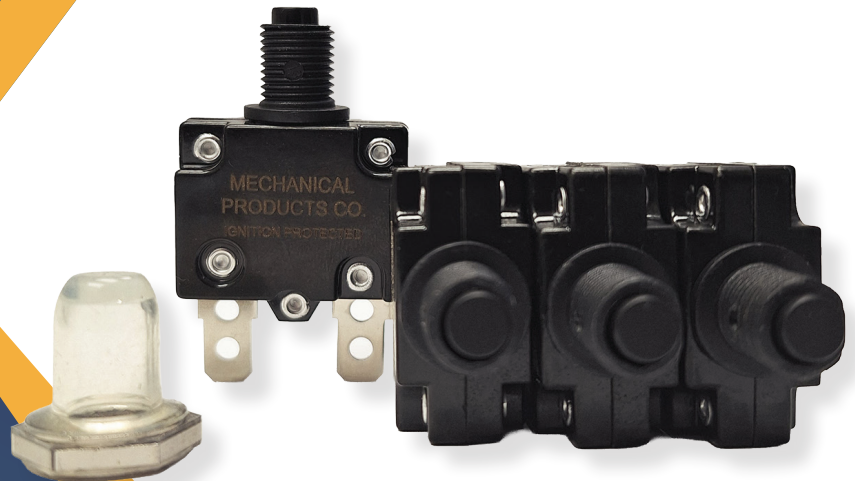
Push to Reset

3 to 30 AMP

Ignition Protected

Cycling Trip Free

UL1077



SUPERIOR CIRCUIT PROTECTION

www.mechprod.com

Series 1200 Overview

The Series 1200 is an economical and compact single-pole push-to-reset thermal circuit protector designed for your Equipment Protection needs in the 3-30 amp range. The MP Series 1200 is suitable for a variety of applications in Household and Commercial Appliances, Power Strips & Supplies, Audio Visual Equipment, Marine Panels, Transportation, Medical Equipment and more.

FEATURES:

- Multiple termination options
- Hardware and boot options
- AC/DC ratings from 3 to 30 amps
- UL 1500 Ignition Protection
- Fits in standard circuit breaker block

Series 1200 Specifications

	Performance / Electrical
Standard Amp Ratings	3A, 4A, 5A, 6A, 7A, 8A, 10A, 15A, 20A, 25A & 30A
Maximum Voltage Ratings	125/250VAC; 50VDC
Minimum Ultimate Trip	Must Hold 100% at 25°C/77°F
Maximum Ultimate Trip	Must Trip at 150% of rated current within 1 hour at 25°C/77°F
Dielectric Strength	1,500VAC Minimum
Insulation Resistance	> 100Mohm, 500VDC
Overload Capacity	UL OL1
Interrupt Capacity (AIC)	1kA, 125/250VAC & 1.5kA, 50VDC (UL 1077 / CSA C22.2 No.235-04)
Operating Temperature Range	-10°C/14°F to 60°C/140°F
	Environmental
Ignition Protected	UL1500
Ingress Protection (IP Rating)	Terminal area IP00, operating area IP40
	Regulatory Compliance Summary
Regulatory Compliance	UL/cUL Recognized per UL 1077 (E66224)

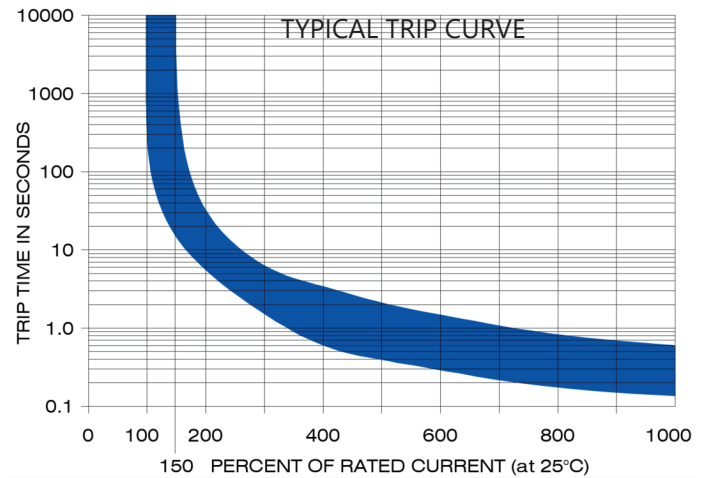


Typical Overload Trip Time (in seconds)

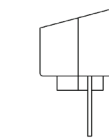
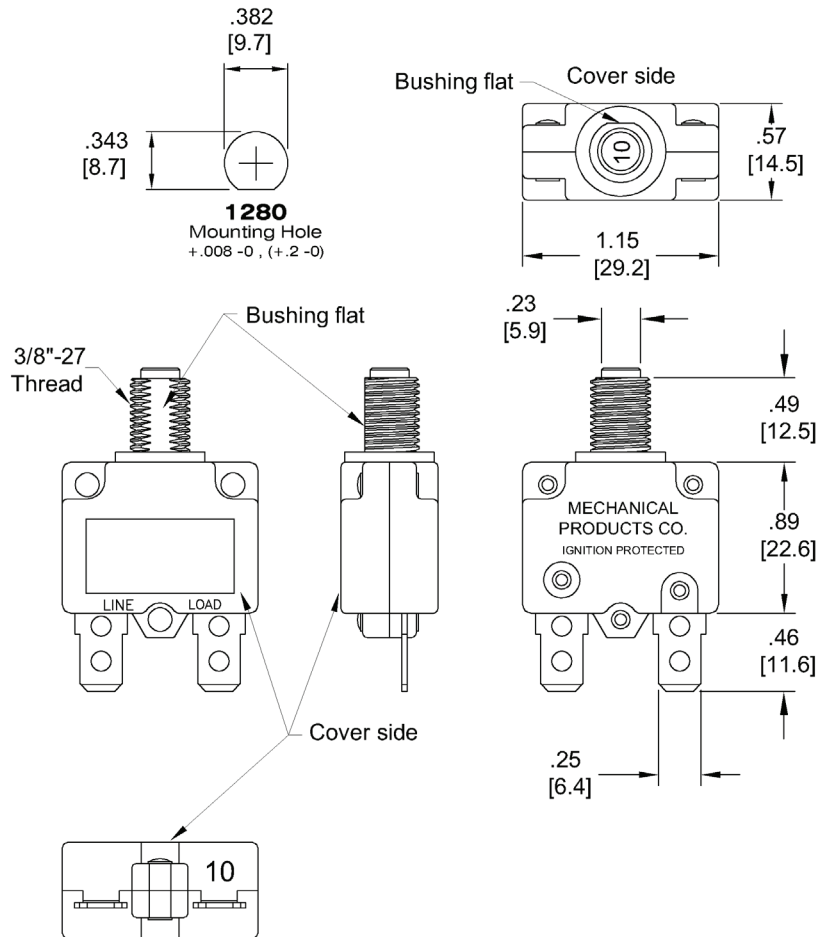
Current Rating	200%	300%	400%	500%	600%
3 - 30 Amps	5 - 30	1.5 - 6.0	0.6 - 3.5	0.4 - 2.0	0.3-1.5

Ambient Temperature Correction Factor

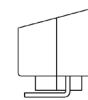
Amp Rating	°F	14	32	50	77	95	104	122	140
	°C	-10	0	10	25	35	40	50	60
3 - 30A		0.77	0.83	0.91	1.00	1.06	1.18	1.37	1.47



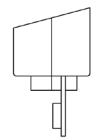
Series 1200 Physical Configuration



Q1
QC straight



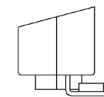
Q2
QC bent 90°



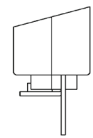
s1
#8-32 thread
straight
(ass'd screw
not shown)



s2
#8-32 thread
bent 90°
(ass'd screw
not shown)



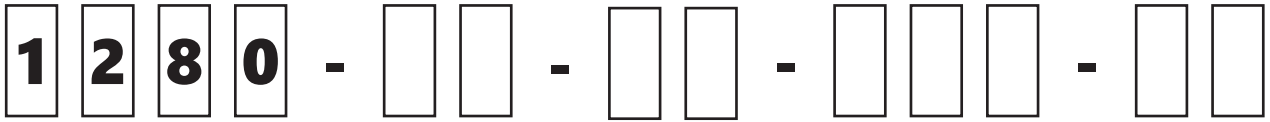
s3
#8-32 thread
bent 90°
(ass'd screw
not shown)



sQ
Line 8-32 bent
90° Load QC
straight
(ass'd screw
not shown)

Series 12 Part Numbering Guide

P/N:



Series Number

12 = Series 1200 Circuit Protector

Mounting Bushing

80 = 3/8"-27 Nylon Bushing

*Consult factory for other mounting types

Amp Ratings

030 = 3A	080 = 8A
040 = 4A	100 = 10A
050 = 5A	150 = 15A
060 = 6A	200 = 20A
070 = 7A	250 = 25A
	300 = 30A

*Consult factory for other amp ratings

Terminal Style

Q1 = 0.250" QC straight

Q2 = 0.250" QC bent 90°

S1 = #8-32, straight, screws included assembled

S2 = #8-32, bent 90°, screws included assembled

S3 = #8-32, bent 90° bent down, screws included assembled

SQ = #8-32, bent 90° (line), 0.25" QC straight (load)

*Consult factory for other terminal types

Mounting Hardware (Bulk packaged w/ breakers)

00 = No hardware

51 = Knurlnut & Palnut

79 = Knurlnut (Aluminum)

97 = Knurlnut (black nylon) & lockwasher

Button / Amp Stamping

B0 = Black, no amp stamp

B1 = Black, white amp stamp

B2 = Black, white amp stamp 90°

B3 = Black, white amp stamp 90°

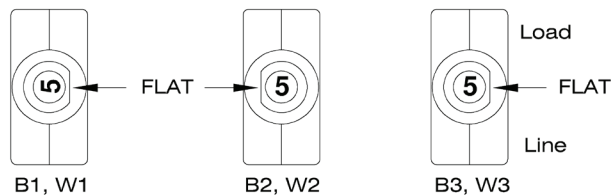
W0 = White, no amp stamp

W1 = White, black amp stamp

W2 = White, black amp stamp 90°

W3 = White, black amp stamp 90°

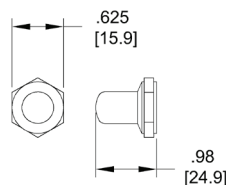
See image for stamp rotation orientation to flat



Series 1200 Optional Sealing Boots

P/N 1680-318-1 3/8"-27 Boot, Clear

P/N 1680-318-2 3/8"-27 Boot, Black



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Specifications subject to change

QC-4020-B



WARNING: Cancer & Reproductive Harm
www.p65warnings.ca.gov/