MX68 Series

AC SOCKET / MANUAL RESET CIRCUIT BREAKER / SNAP-IN MOUNT

TRIMAX Circuit Protectors



EXAMPLES OF MX68 SERIES APPLICATIONS include:

- **Audio Equipment**
- **Battery Chargers**
- **Generators**
- **Medical Equipment**
- **Office Equipment**
- **Power Supplies**
- **Test Equipment**

…and many more

MX68 Series circuit breaker / socket combines the flexibility of a manual-reset circuit protector with an AC socket in one convenient package.

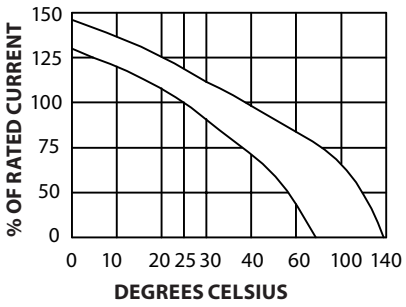
The MX68 is an excellent choice where both a circuit protector and AC socket are required, and space is a limitation.

The MX68 operates on the "snap-action" bi-metallic element principle. When an overload reaches the calibrated trip point of the bi-metal element, the contacts snap open, disconnecting the load. The breaker can be reset as soon as the bi-metal strip cools.

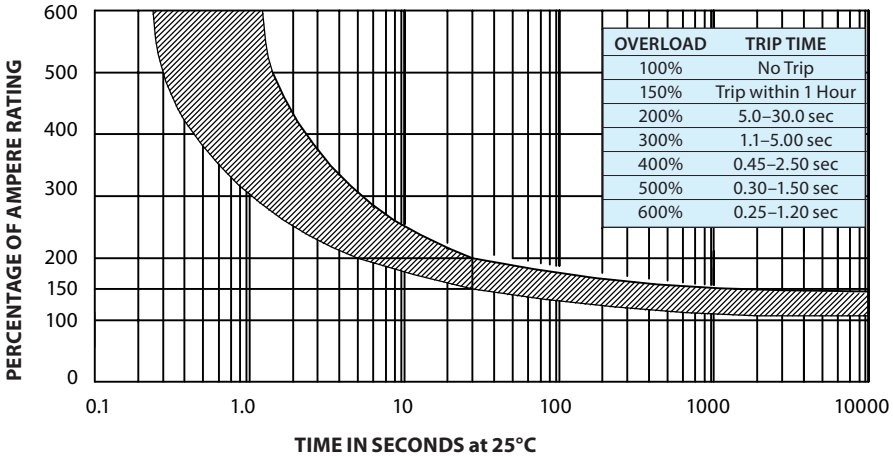
SPECIFICATIONS

- **Trip Time vs. Overload at 25°C**
  At 100% of rated current: no trip
  At 150% of rated current: trip within 1 hour
  At 200% of rated current: trip within 5–30 seconds
- **Current and Voltage Ratings**
  3A–20A, 125/250VAC
- **Interrupt Capacity**
  1000A
- **Resettable Overload Capacity**
  6 times rated current
- **Dielectric Strength**
  1500VAC / 1 minute
- **Insulation Resistance**
  > 10MΩ
- **Voltage Drop**
  < 0.25V
- **Flammability Class**
  UL 94-VO
- **Approvals**
  UL 1054, 3A–15A

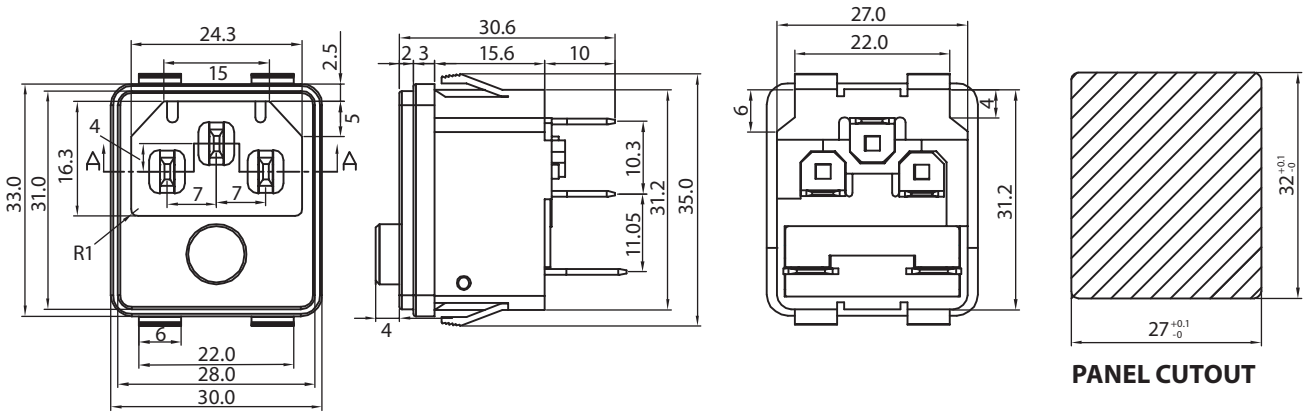
TEMPERATURE DERATING CURVE



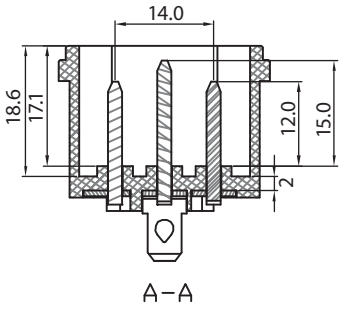
TRIP TIME CURVE



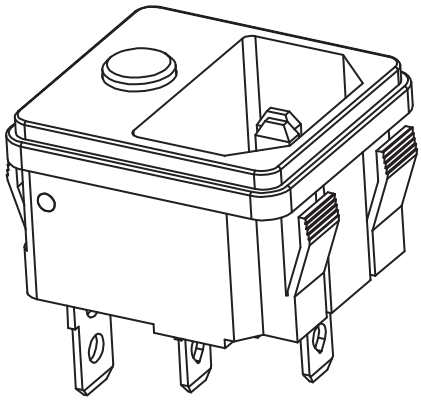
DIMENSIONS in mm



PANEL CUTOUT



A–A



OPTIONS SELECTION

Series	Amps select by number	Volts select by letter	Terminals select by number	Actuator select by letter	Mounting select by number	Base Color select by letter
MX68 AC Socket / Manual Reset Circuit Breakers	**030** 3A : **040** 4A : **050** 5A : **100** 10A : **150** 15A : **200** 20A	**A** 125/250VAC	**1** Two 6.3mm (breaker), Three 4.8mm (socket)	**A** Black Button **B** White Button **C** Red Button	**1** Snap-In	**A** Black

Example: MX68 | 150 | A | 1 | B | 1 | A

MX68, 15Amps, 125/250VoltsAC, 2 Breaker and 3 Socket Terminals, Black Button Actuator, Snap-In Mounting, Black Base

TRIMAX Circuit Protectors
A division of Pelco Component Technologies

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