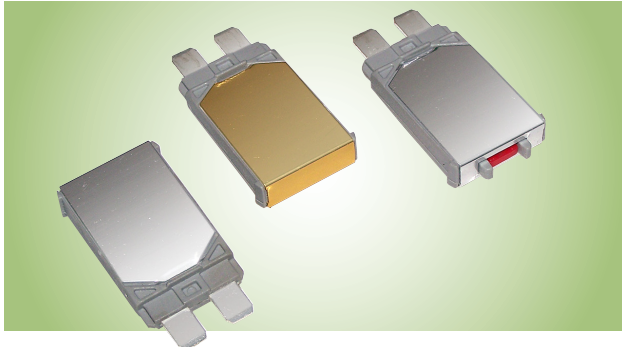


MX38 Series

MANUAL, MODIFIED or AUTO RESET CIRCUIT BREAKER



PELCO COMPONENT TECHNOLOGIES • 855 227 3526



MX38 Series are automatic, modified and manual reset circuit protectors designed for various automotive and marine applications.

The MX38 is a single pole, thermal type low-voltage breaker which 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.

EXAMPLES OF MX38 SERIES APPLICATIONS include:

- Boats and Marine Equipment
 - Lawn and Garden Equipment
 - Road and Construction Equipment
 - Battery Protection
 - Lift Trucks
 - Bucket Trucks
 - Buses
 - Trucks
- ...and many more

MX38 series offers three reset types:

Type 1 **Automatic Reset** (T1)

Type 2 **Modified Reset** Removal of power resets the breaker (T2)

Type 3 **Manual Reset** Push button actuator resets the breaker (T3)

Styles 1, 2 and 3 cross to Bussmann 19X series

Styles 7, 8 and 9 cross to Bussmann 22X series

SPECIFICATIONS

Current and Voltage Ratings

5A–50 A, 14VDC; 28VDC (Automatic T1 or Modified T2)

Interrupt Capacity

5A–10A / 14VDC, 150A

15A / 14VDC, 225A

20A / 14VDC, 300A

25A–30A / 14VDC, 450A

35A–40A / 14VDC, 600A

50A / 14VDC, 750A

Operating Temperature

-40°C to 85°C / -40°F to 185°F

Storage Temperature

-40°C to 125°C / -40°F to 260°F

Termination

Compatible with fuse blocks using MAXI or ATC blade fuse

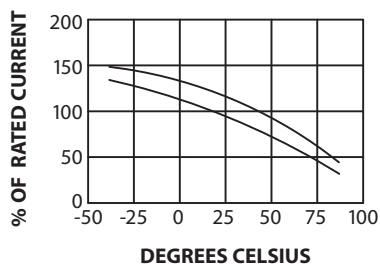
Marking

Standard marking includes type / voltage / amperage

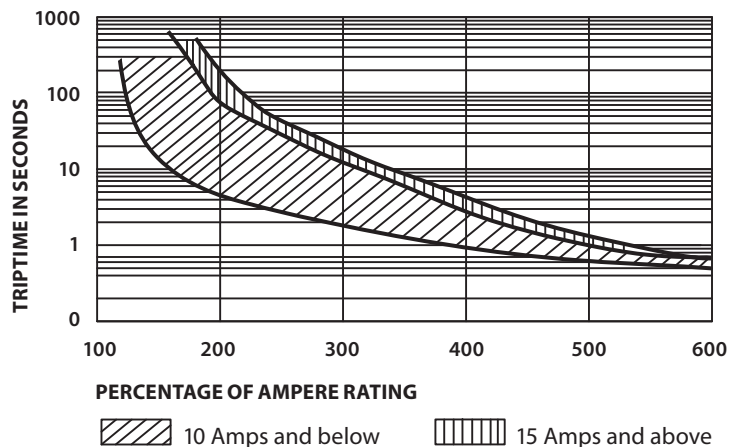
Reference Documents

SAE Standard J553

DERATING CURVE

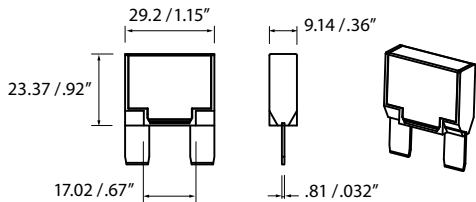


TRIP TIME CURVE

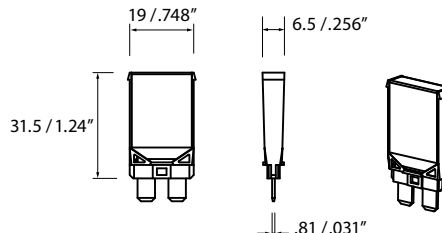


DIMENSIONS in mm / inches

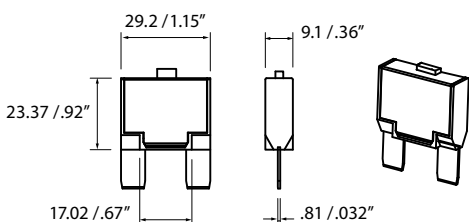
- **STYLE 1: AUTO RESET, WIDE CASE**
- **STYLE 2: MODIFIED, WIDE CASE**



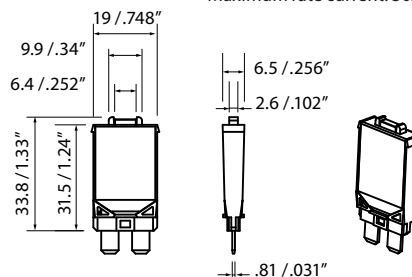
- **STYLE 7: AUTO RESET, NARROW CASE**
- **STYLE 8: MODIFIED, NARROW CASE**



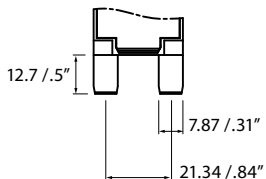
- **STYLE 3: MANUAL RESET, WIDE CASE**
Maximum rate current: 30A



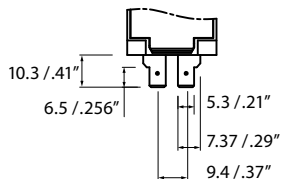
- **STYLE 9: MANUAL RESET, NARROW CASE**
Maximum rate current: 30A



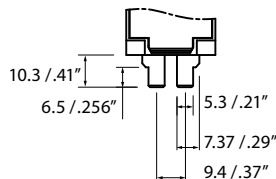
■ **TERMINALS 1**



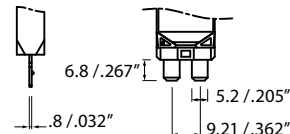
■ **TERMINALS 3**



■ **TERMINALS 4**



■ **TERMINALS 5**



OPTIONS SELECTION

| Series | Amps select by number | Volts select by number | Case Style select by number | Terminals select by number |
|---|--------------------------|---------------------------|--------------------------------------|-------------------------------|
| MX38 Manual, Modified or Auto Reset Circuit Protectors | 050 5A | 4 14VDC | 1 Type 1 Wide, Auto Reset | 1 |
| | 100 10A | 8 28VDC | 2 Type 2 Wide, Modified | 3 |
| | 150 15A | | 3 Type 3 Wide, Manual Reset | 4 |
| | 200 20A | | 7 Type 1 Narrow, Auto Reset | 5 |
| | 500 50A | | 8 Type 2 Narrow, Modified | |
| | | | 9 Type 3 Narrow, Manual Reset | |

Example: **MX38 150 4 7 1**

MX38, 15Amps, 14VoltsDC, Narrow style, Auto reset, Terminal 1