

### MX39 Series

MINIATURE CIRCUIT BREAKER, AUTO or MANUAL RESET



The MX39 Series are automatic or manual reset miniature circuit protectors designed for the automotive and marine industries and made to fit standard AFC/ATO fuse panels.

The MX39 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 MX39 SERIES APPLICATIONS include:

- Trucks, Buses, RVs
- Trolling Motors, Battery Chargers
- Lawn and Garden Equipment
- Road and Construction Equipment
- Fire and Emergency Equipment
- ...and many more

Compatible with Type 280 fuse blocks using .32" / 8.1mm centering spacing.

Colored plastic case indicates amp rating.

### SPECIFICATIONS

#### ■ Current and Voltage Ratings

5A–30 A, 24VDC

#### ■ Case Colors

Indicate amp rating; see chart

#### ■ Insulation Resistance

100MΩ

#### ■ Operating Temperature

-40°C to 85°C

#### ■ Storage Temperature

-40°C to 125°C

#### ■ Reference Documents

SAE J553 Type I and Type III Circuit Breakers

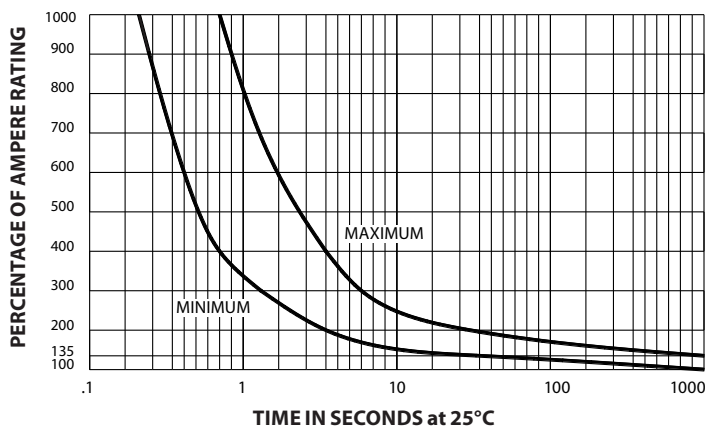
#### INTERRUPT CAPACITY

Rated Current	24VDC
5–10Amps	100A
15Amps	150A
20Amps	200A
<25–30Amps	300A

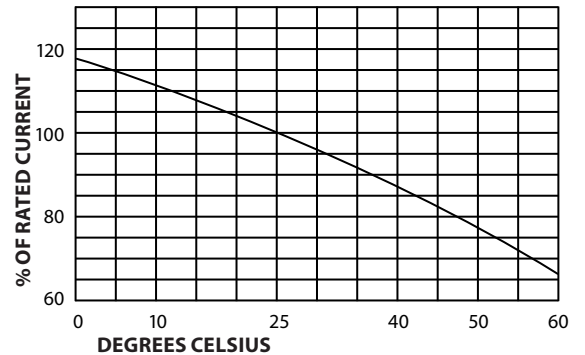
#### RATING / COLOR

Ampere Rating	Cover Color
5A	Tan
7.5A	Brown
10A	Red
15A	Blue
20A	Yellow
25A	White
30A	Green

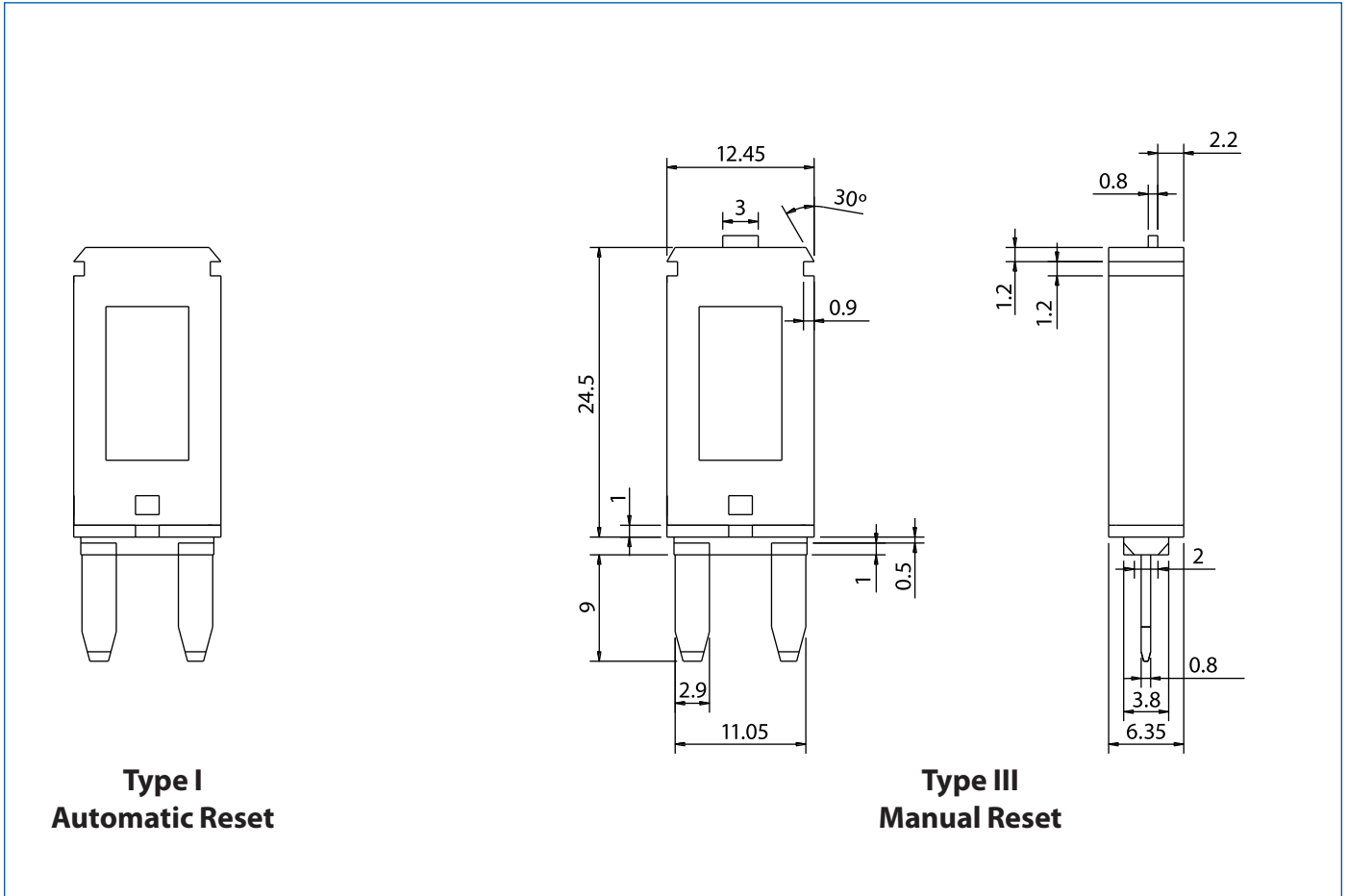
#### TRIP TIME CURVE



#### TEMPERATURE DERATING CURVE



**DIMENSIONS in mm**



**OPTIONS SELECTION**

Series	Amps select by number	Type select by letter
<b>MX39</b> Miniature Circuit Breakers Automatic or Manual Reset	<b>050</b> 5A (Tan)	<b>A</b> Type I automatic reset
	<b>075</b> 7.5A (Brown)	
	<b>100</b> 10A (Red)	<b>C</b> Type III manual reset
	<b>150</b> 15A (Blue)	
	<b>200</b> 20A (Yellow)	
	<b>250</b> 25A (White)	
	<b>300</b> 30A (Green)	

**Example:** **MX39** **200** **C**

*MX39, 20Amps (Yellow Case), Type III Manual Reset*