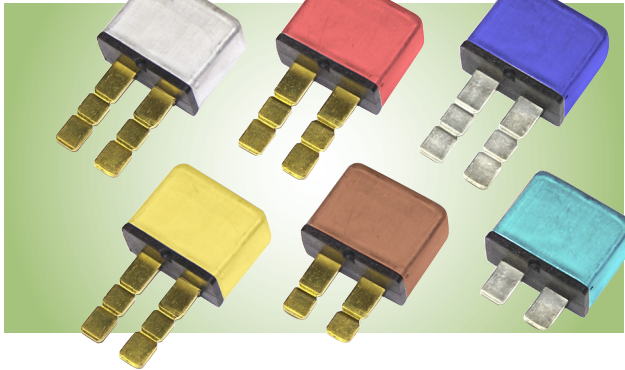




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**MX32 Series**  
**AUTOMATIC or MODIFIED RESET CIRCUIT PROTECTOR**



The MX32 Series are automatic or modified reset circuit protectors designed for the automotive and marine industries and made to fit standard AFC/ATO fuse panels. The MX32 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 MX32 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

Universal circuit protector connections on the MX32 offer a “snap-off” blade design which allows user to size the blades to the application

**SPECIFICATIONS**

- **Current and Voltage Ratings**  
5A–50 A, 12VDC/24VDC
- **Connectors**  
Available in bronze or tinned blades
- **Colors**  
Available in Silver, Red, Blue, Yellow, Coffee or Cyan
- **Insulation Resistance**  
100MΩ
- **Operating Temperature**  
-23°C to 65°C
- **Storage Temperature**  
-29°C to 93°C

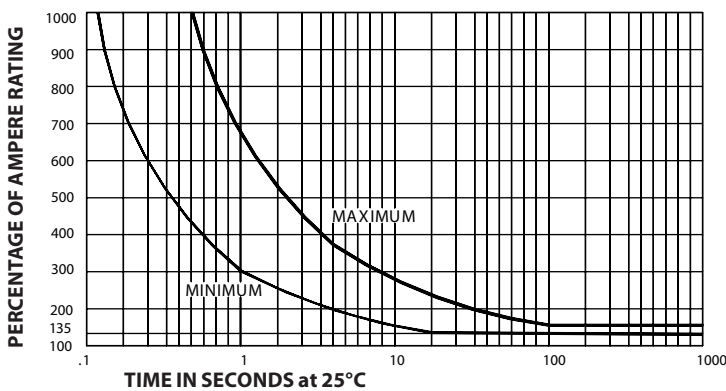
**INTERRUPT CAPACITY**

Rated Current	12VDC	24VDC
5–10Amps	150A	100A
<10–15Amps	225A	150A
<15–20Amps	300A	200A
<20–30Amps	450A	300A
<30–40Amps	600A	400A
<40–50Amps	750A	500A

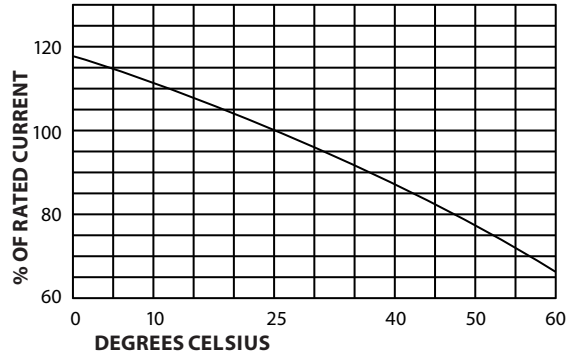
**MAXIMUM INTERNAL RESISTANCE**

Ampere Rating	Insulation Resistance
5A	17.8 mΩ
10A	7.6 mΩ
15A	5.4 mΩ
20A	3.6 mΩ
25A	3.2 mΩ
30A	2.7 mΩ

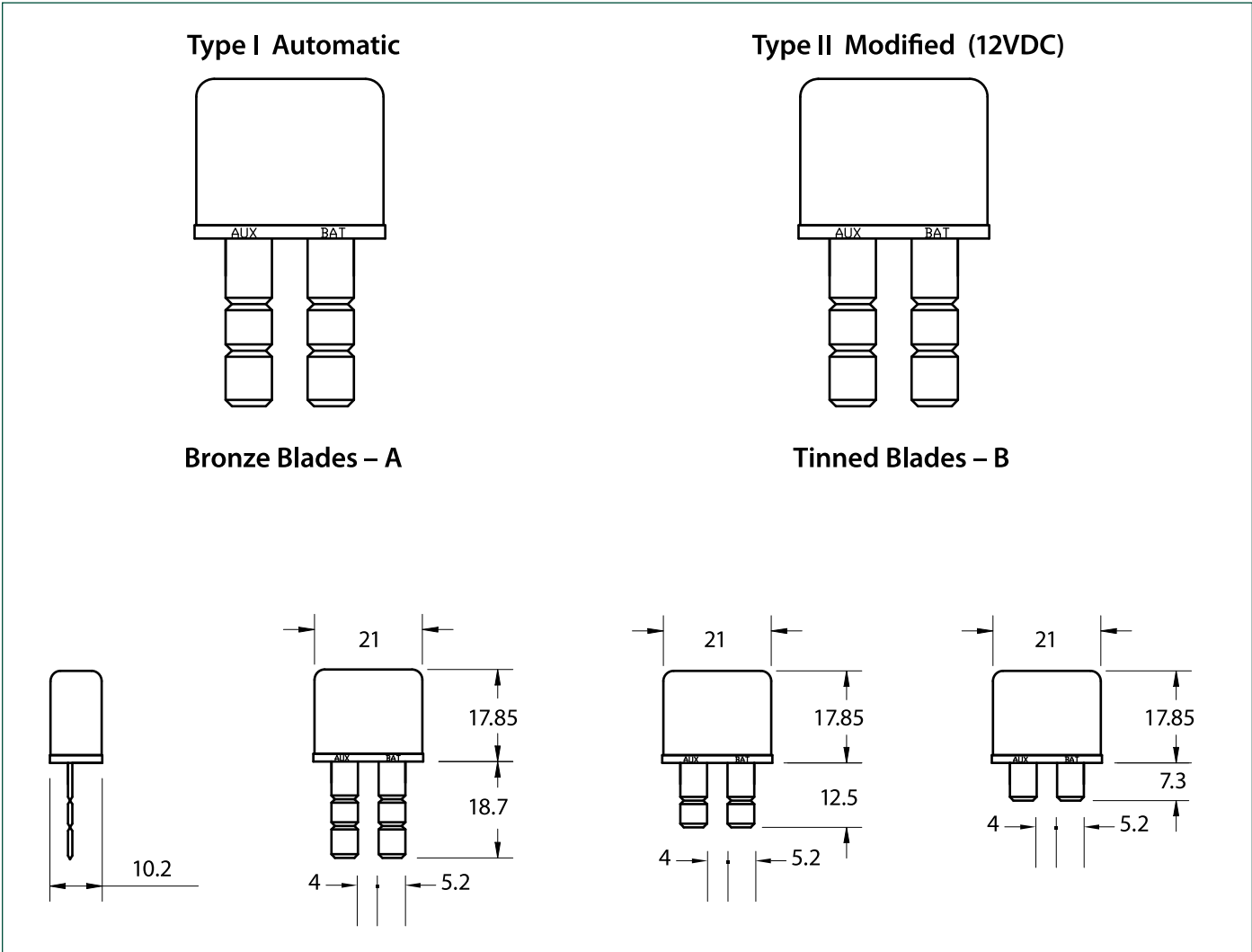
**TRIP TIME CURVE**



**TEMPERATURE DERATING CURVE**



**DIMENSIONS in mm**



**OPTIONS SELECTION**

Series	Amps select by number	Type select by letter	Color select by number
<b>MX32</b> Automatic or Modified Reset Circuit Protectors	<b>050</b> 5A	<b>A</b> Type I	<b>1</b> Silver
	<b>100</b> 10A		<b>2</b> Red
	<b>150</b> 15A	<b>B</b> Type II	<b>3</b> Blue
	<b>200</b> 20A		<b>4</b> Yellow
	<b>250</b> 25A		<b>5</b> Coffee
	<b>300</b> 30A		<b>6</b> Cyan

**Example:** **MX32 200 B 2**  
 MX32, 20Amps, Type II, Red