

RoHS
Compliant



Description

These Stud Type Circuit Breaker are a cost-effective method to ensure repeatable, reliable circuit protection. Meant to assist with systems that may be exposed frequently to overcurrents, or where replacing fuses may not be feasible, these products are critical components for protecting wiring, electrical equipment, and vehicle subsystems. Available in multiple current ratings, our Stud Type Circuit Breaker are a flexible solution to accommodate many applications.

Applications

- Suitable for marine, RV Car, ATV, winch, electric anchor, Battery charger, jump starter, Trolling motor, pressure washer etc.

Features and Benefits

- Complies SAE J553
- Materials UL 94V-0 Thermoplastic body

Specification

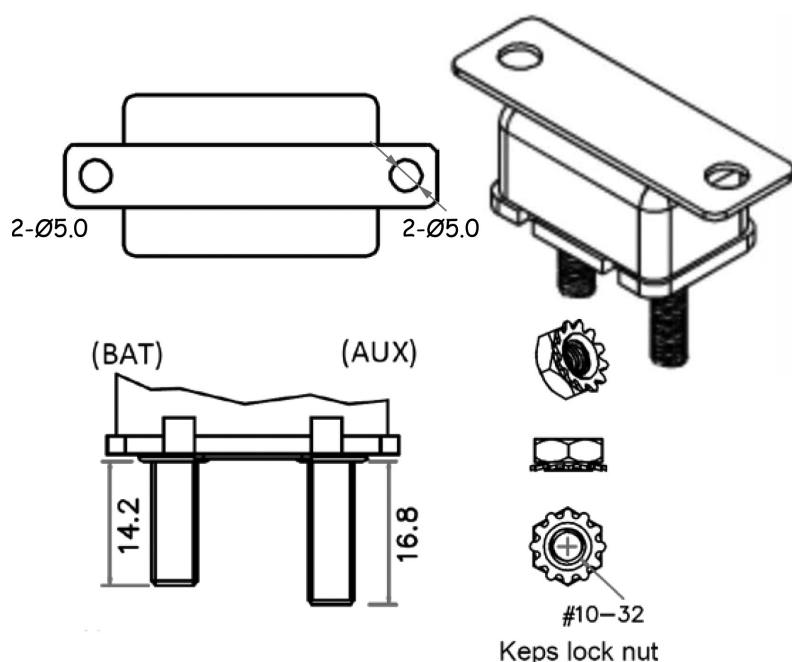
Operating temperature	: -10°C to +60°C
Storage temperature	: -40°C to +100°C
Dielectric Strength	: > 1,500V AC/min.
Terminal Type	: #14ead
Current rating range	: 4~50A
Automotive Type	: Auto- Reset; 12/24V DC Automotive Type I
Breaking Capacity	4 times rated current

Stud Type Circuit Breaker T1

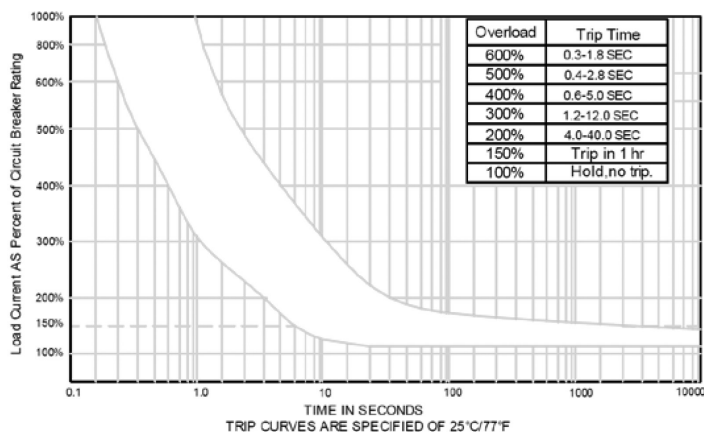
- Input voltage rating : 12/24 VDC
- Manual- Reset : 12/24VDC Automotive Type I
- Operating Ambient Temperature : -10°C to +60°C
- Materials : UL 94V-0 Thermoplastic body
- Terminal Type : #10-32 thread

Thermal Circuit Breaker

multicompPRO

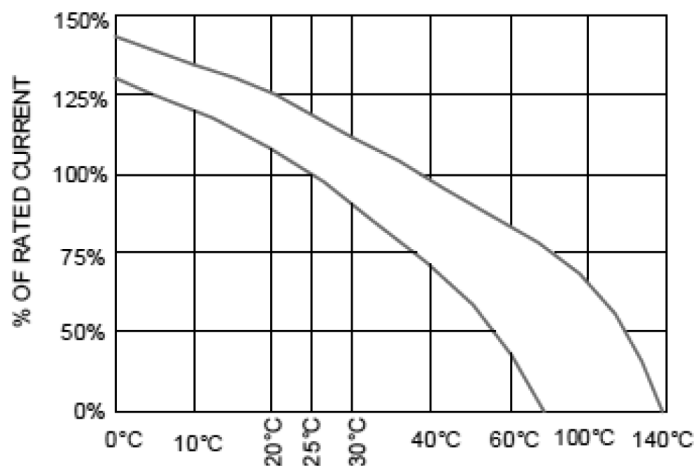


AR Series 3-50A Trip Curves



Description	Amps	Rated voltage	Part Number
Thermal Circuit Breaker	5A	12/24/V DC	MP013185
	8A		MP013186
	10A		MP013187
	15A		MP013188
	20A		MP013189
	25A		MP013190
	30A		MP013191
	40A		MP013192
	50A		MP013193

Temperature Derating Curves



The time/current characteristic curve depends on the ambient temperature prevailing. In order to eliminate nuisance tripping. Please multiply the current breaker current ratings by the derating factor shown below.

Ambient Temperature	-10°C	0°C	10°C	25°C	40°C	50°C	60°C
Multiplication Factor	1.25	1.15	1.05	1	0.9	0.8	0.7

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