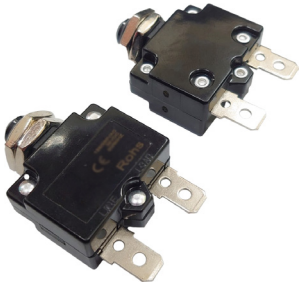


RoHS
Compliant



Description

Circuit breakers are a cost-effective method to ensure repeatable, reliable circuit protection. Meant to assist with systems that may be exposed frequently to over currents, 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 Thermal Breakers are a flexible solution to accommodate many applications.

Applications

Used on marine panel, battery pack, Electric winch, water pump, refrigeration equipment, etc.

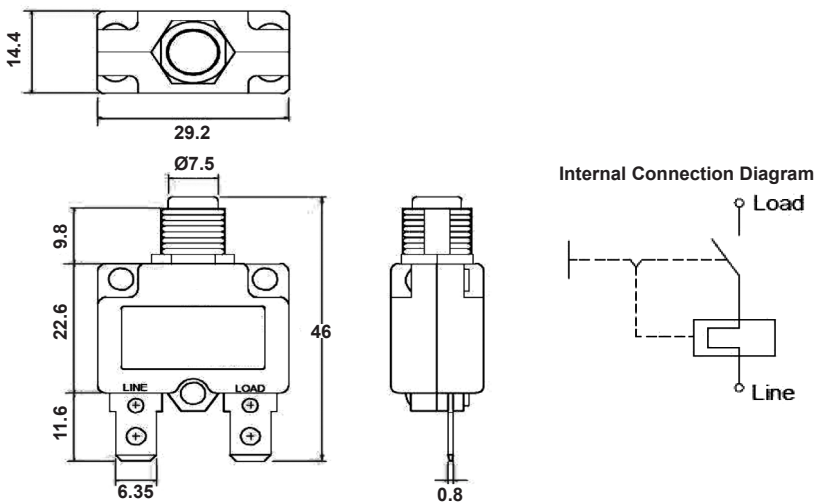
Features

- Quick connect
- Button extends for visible trip indication
- Push-to-reset operation
- Compact design

Specifications

Current Rating Range	: 3 Amps to 30 Amps
Operating Ambient Temperature	: -10°C to +60°C
Input Voltage Rating	: 125/250V AC; 32/50V DC
Insulation Resistance	: 125/250V AC × 1000A (UL 1077)
Insulation Resistance	: >100MΩ (DC 500V)
Hipot Test	: 1500V AC/min
Termination	: 250"(6.35mm) quick connects or solder terminals

Diagram

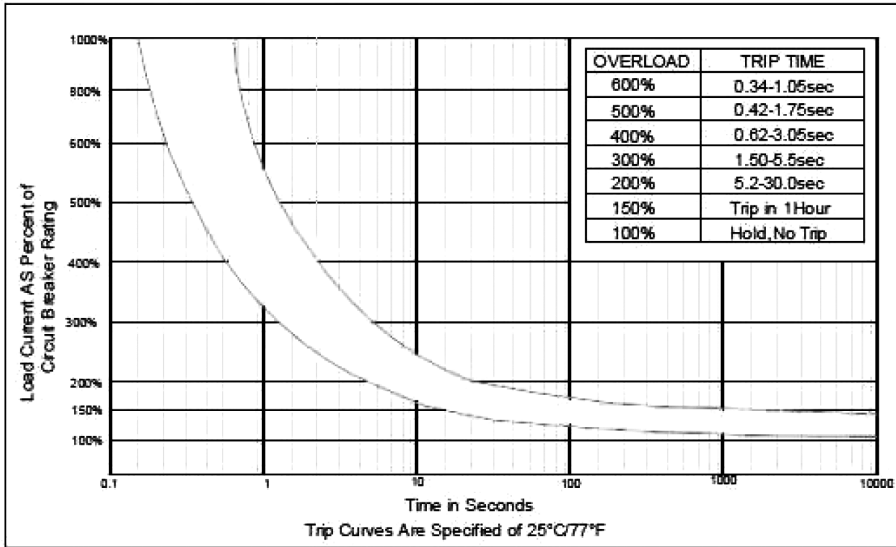


Dimensions : Millimetres

Ambient Temperature Correction Factor

Ambient Temperature	-10°C	0°C	10°C	25°C	35°C	40°C	50°C	60°C
Multiplication factor	1.3	1.2	1.1	1	0.94	0.85	0.73	0.68

3A to 30A Trip Time Curves



Part Number Table

Description	Part Number
Thermal Circuit Breaker, 3A	MP012937
Thermal Circuit Breaker, 4A	MP012938
Thermal Circuit Breaker, 5A	MP012939
Thermal Circuit Breaker, 6A	MP012940
Thermal Circuit Breaker, 8A	MP012941
Thermal Circuit Breaker, 10A	MP012942
Thermal Circuit Breaker, 12A	MP012943
Thermal Circuit Breaker, 15A	MP012944
Thermal Circuit Breaker, 16A	MP012945
Thermal Circuit Breaker, 20A	MP012946
Thermal Circuit Breaker, 25A	MP012947
Thermal Circuit Breaker, 30A	MP012948

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