

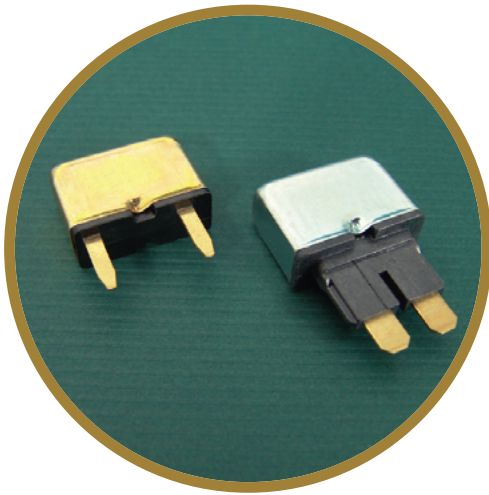
EXT 500 SERIES

Circuit Breakers

Introduction

Sensata Technologies' EXT 500 Series of circuit breakers are designed for wiring harness protection in 12 Volt automotive applications. The device protects circuits which occasionally experience momentary overloads and applications where selfresetting devices are preferred. The EXT 500 is sensitive to both over-current and over-temperature fault conditions. The unique arrangement of two opposing bimetallic elements results in a device that is insensitive to momentary overloads.

Sensata Technologies is an ISO and TS registered company providing world class quality products.



Features

- SAE Type 1 (cycling)
- Multiple bimetallic resistivities available
- Metal Encased
- Multiple terminal configurations available
- Ambient compensated

Benefits

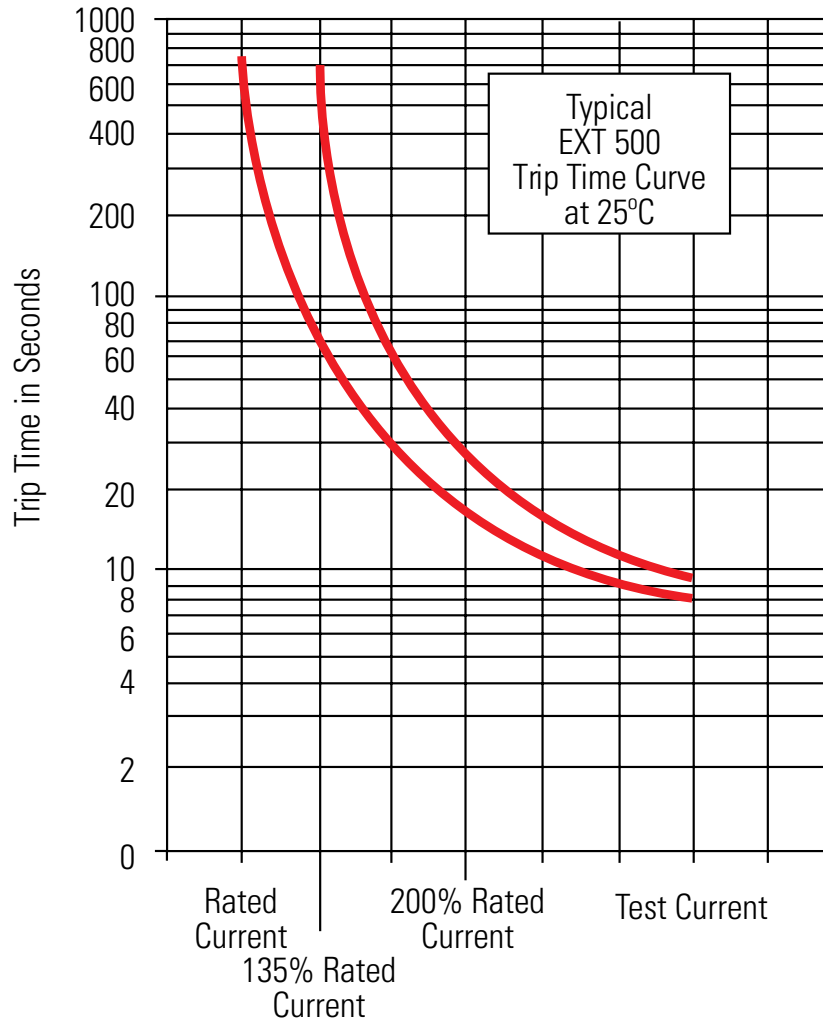
- Can be mounted in the fuse block or elsewhere in the wiring harness
- Protected from abuse and contamination of the contact surface
- Meets longer life cycle requirements

SPECIFICATIONS

Normal Operating Voltage	12 Volts DC
Typical Voltage Drop at Operating Temperature	200 mV Max
Typical Ambient Temperature Range	-40°C to 85°C

Curves

These curves are to be used only as a guide in selecting a protector for a particular application. Factors such as distance from the heat source and the method of mounting should be considered in selecting a protector. Final trip times are dependent upon terminal configuration and mounting in the application.

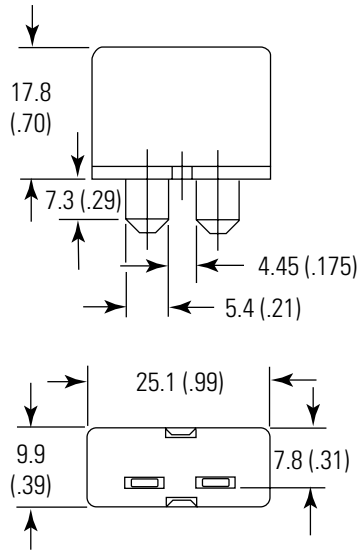




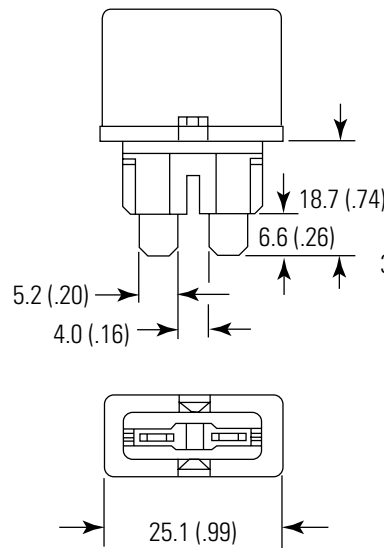
DIMENSIONS

Dimensions in mm [Inch]

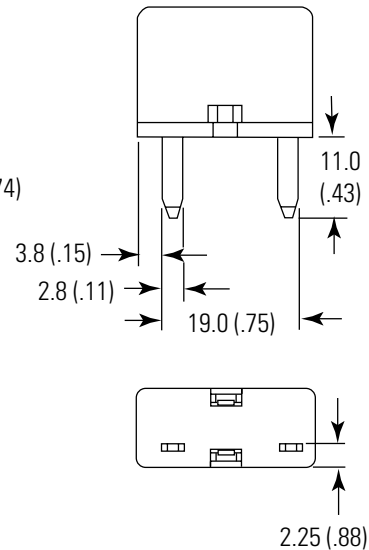
EXT 507 Series



EXT 509 Series



EXT 515 Series



Revised 01/25/18

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