

EXT 500 SERIES *Circuit Breakers*

WORLD CLASS PERFORMANCE

The EXT 500 Series is a fast-cycling automatic reset (Type 1) circuit breaker designed to protect the harness of safety critical circuits; such as windshield wipers and headlights.

With an exceptional history of more than 90 years, Sensata Technologies is a leading supplier of sensors and switches.

Features

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

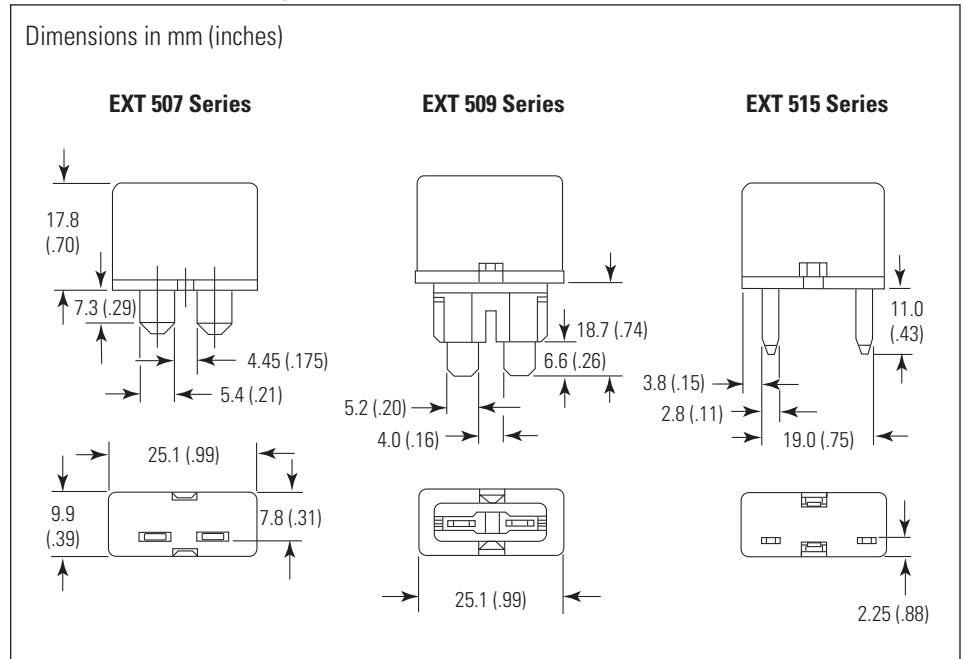
Benefits

- 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

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 self-resetting 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.

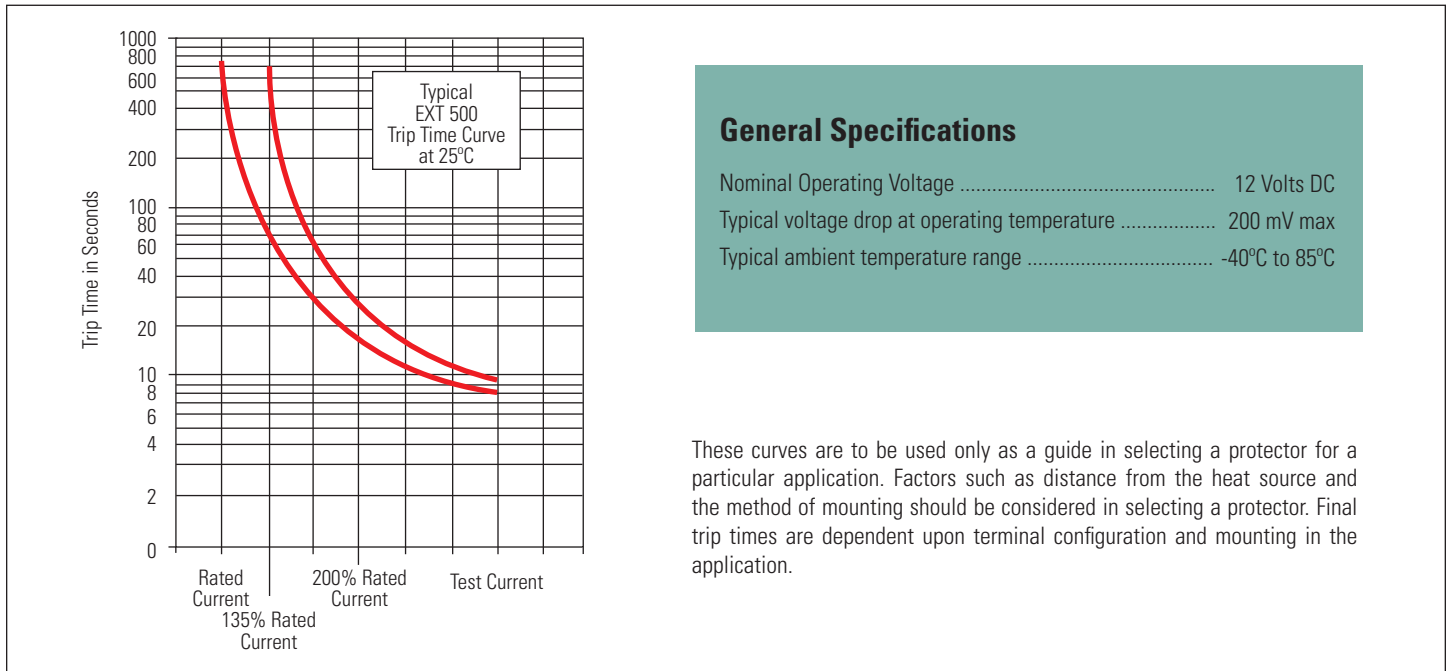
Sensata Technologies is an ISO and TS registered company providing world class quality products.

Dimensional Drawing



EXT 500 SERIES

Circuit Breakers



General Specifications

Nominal Operating Voltage 12 Volts DC
Typical voltage drop at operating temperature 200 mV max
Typical ambient temperature range -40°C to 85°C

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.

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