

TB05

OVERHEAT AND OVER CURRENT DOUBLE PROTECTION

Lithium Battery | Motors | HID Ballast

TB05 series protector is a thermal protector with small dimensions, insulating case, high temperature sensitivity and long lifetime, which is widely used in lithium batteries, lighting, transformers, electric heating appliances, and other fields.

Features:

- Snap action type bimetallic disc has the characteristics of high reliability and repeatability.
- Small dimension is suitable for appliances which compactly installed upon winding or inside winding.
- Steel structure bracket makes performance more stable.
- Automatic temperature calibration process makes it has a high precision of temperature control.
- The bimetallic disc overflow structure solves the technical difficulty of current transient overload and the temperature response lag.
- Custom specifications according to customers' requirements is available.

Specifications:

Standard operating temperature range 30°C ~160°C (per 5°C)

Operating Temperature Tolerance +/-3°C, +/-5°C, +/-8°C

Reset Temperature Tolerance +/-10°C, +/-15°C

Maximum Ambient Temperature 175°C

Contact Rating:

AC250V 5A, AC115V 10A - 10000 Cycles

DC24V 5A, DC12V 10A - 10000 Cycles

Certified by:

UL (#E258703)

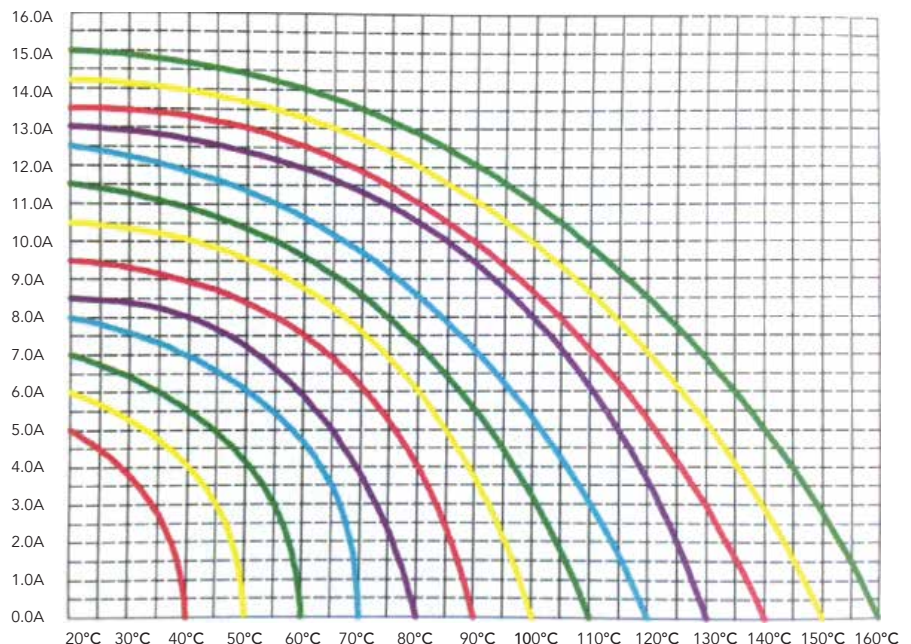
VDE (#40024884)

CQC (#CQC06002017310)

CB (#CN31934)

ISO 9001 (#0105Q1274ROS/3200)

Temperature Current Curve:



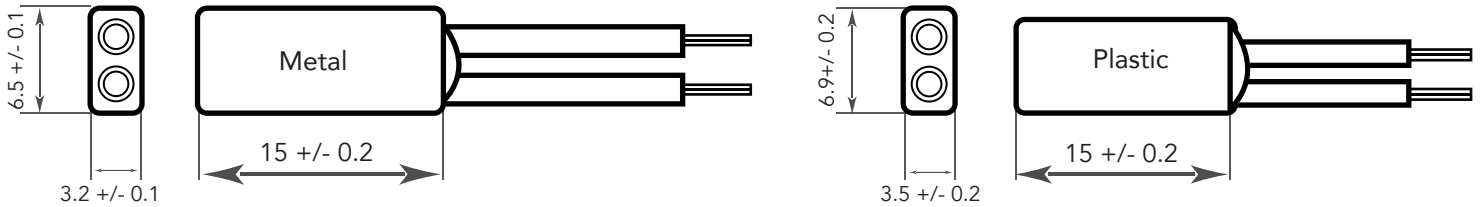
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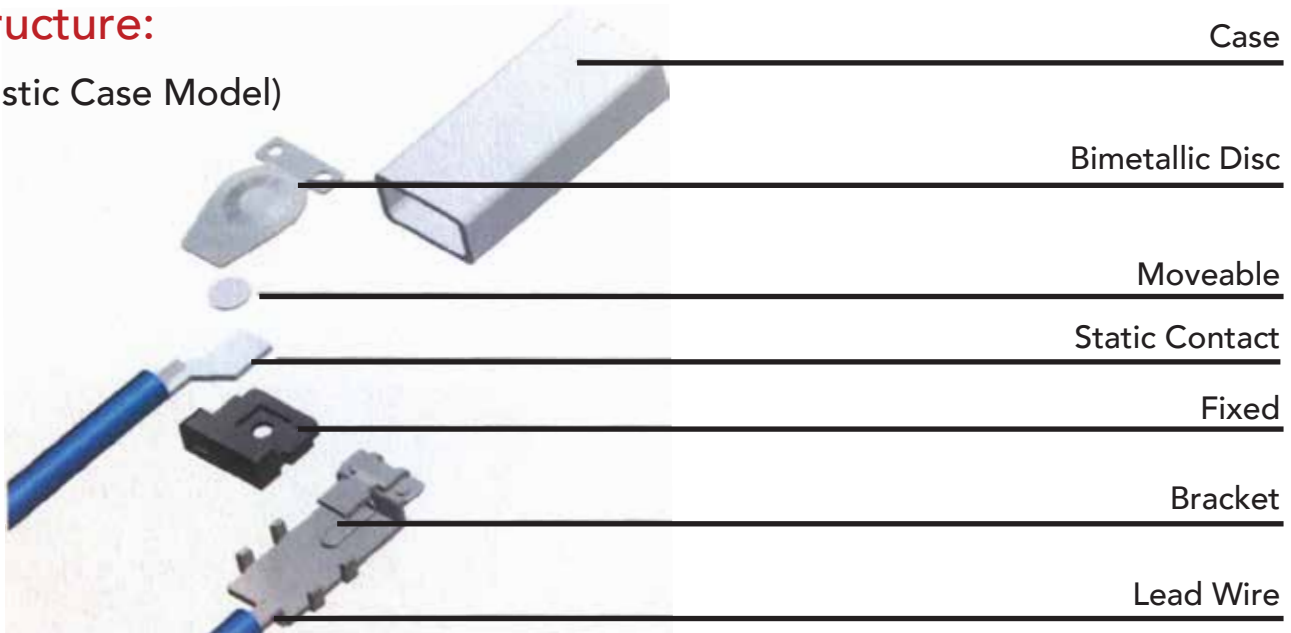
Lithium Battery | Water Pump Motor | HID Ballast

Dimensions:



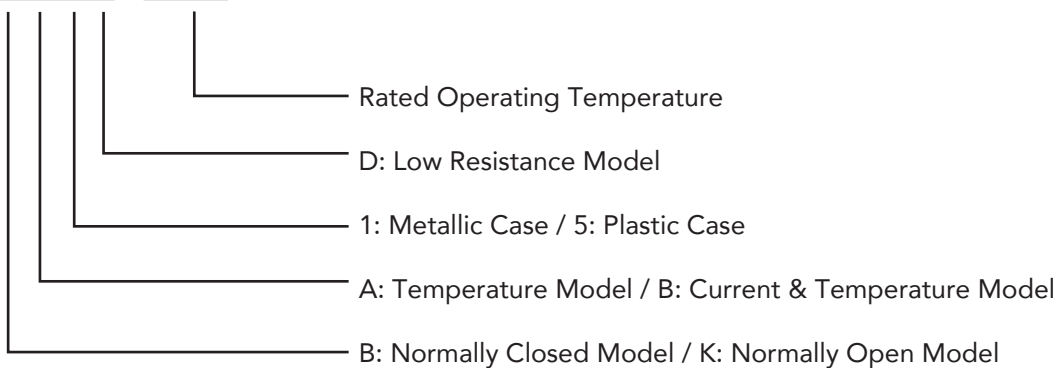
Structure:

(Plastic Case Model)



Code System:

TB05 - X X X X - X X X



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