

SB/ESB SERIES *Thermal Protectors*

WORLD CLASS PERFORMANCE

The SB/ESB Series thermal protector offers the reliability of a bimetal protector in a robust hermetic package. It is ideally suited to provide thermal and/or locked rotor protection in applications requiring unique processing or environmental challenges (AC/DC motors, compressors, transformers, etc.).

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

Features

- Hermetically sealed
- Compact
- Opening temperature range of 60°C to 170°C in 5°C increments
- Snap action
- Copper or tin plated copper leads in a variety of lengths

Benefits

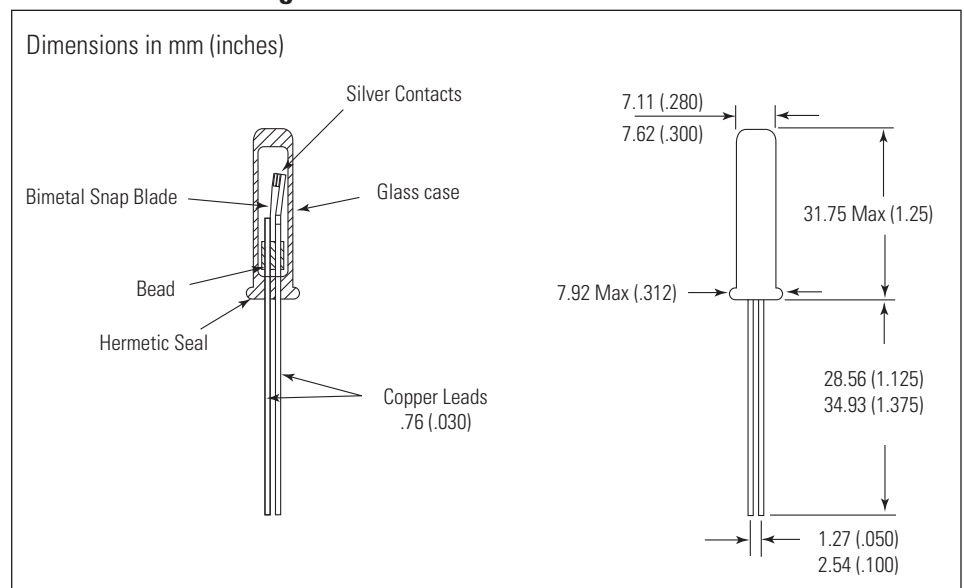
- Safe from penetration of fluids
- Ultimate corrosion protection
- No secondary insulation needed
- Can operate in high pressure environments
- Improves safety of end product

Sensata Technologies' miniature, glass encapsulated thermal protectors provide both thermal and current overload protection.

The SB/ESB family of protectors combines Sensata's bimetal protection technology with a true glass to metal hermetic seal. This ultra-reliable combination can be used for such things as small AC fractional horsepower motors, DC motors, battery chargers, ballasts, NiCad battery packs, transformers and internal protection for compressors.

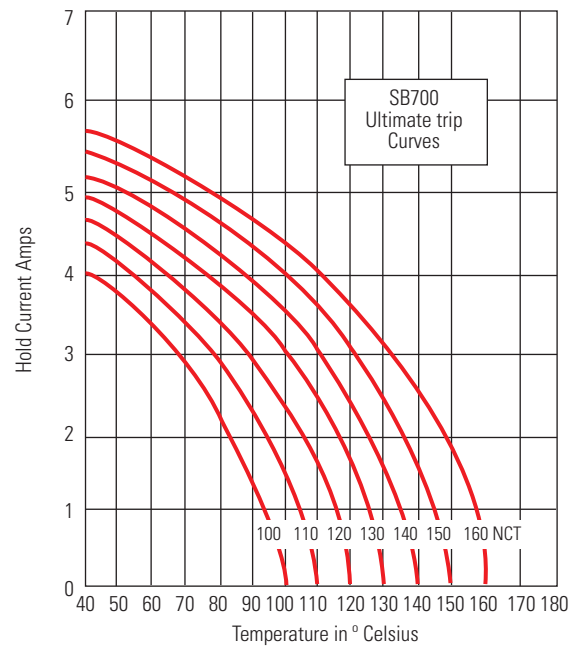
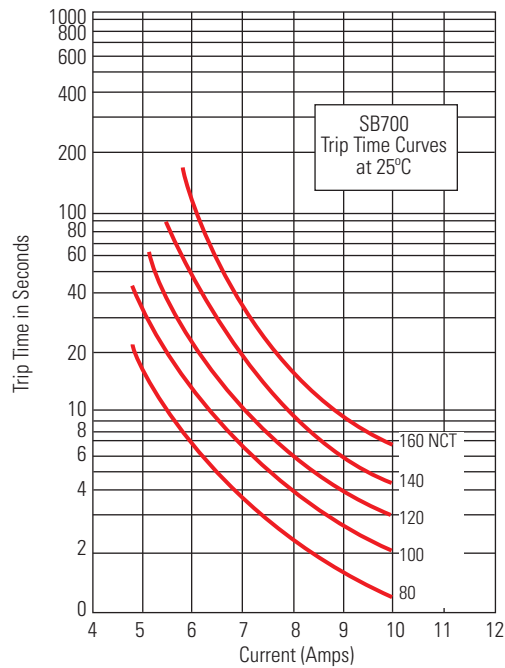
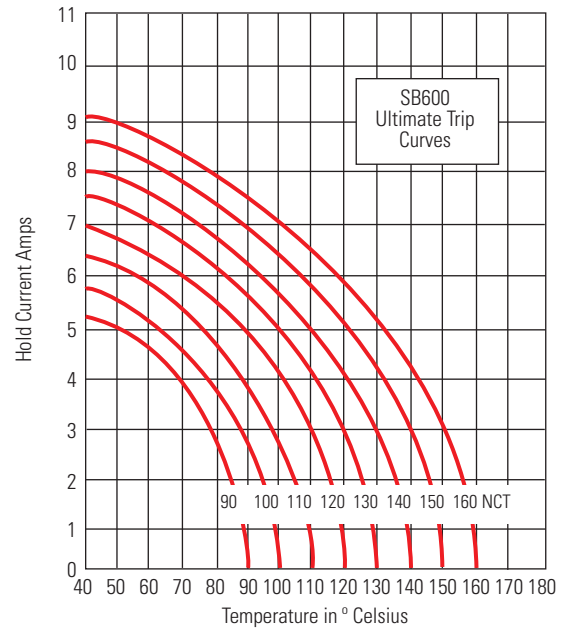
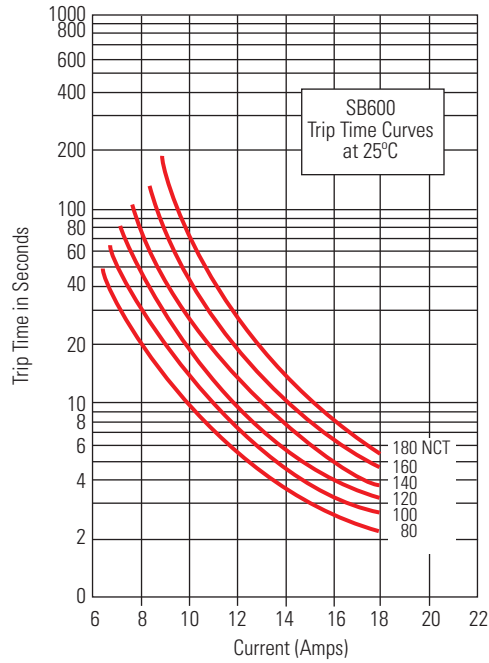
Sensata Technologies is an ISO and TS registered company providing world class quality products.

Dimensional Drawing



SB/ESB SERIES

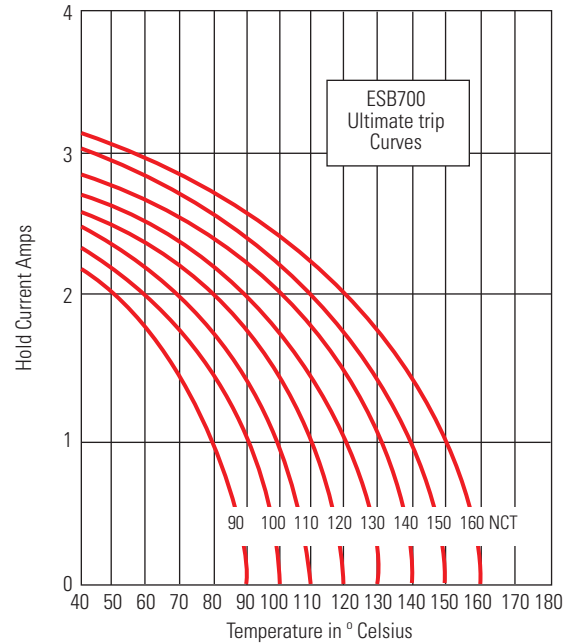
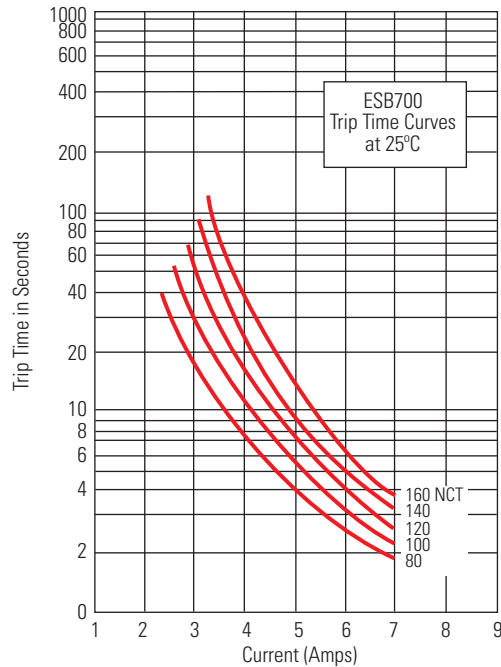
Thermal Protectors



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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Test House Approvals

BEAB – EN60730-2-1, EN60730-2-2 Open Motors (BEAB-CRC 0004)

IEC 730-2-4 Compressor Motors

UL Files E37501 & E28135, UL Nos. 547 & 873

UL IEC 730-2-2 Open Motors

CSA File LR 20529, C22.2 Nos. 77 & 24

Global Sales Offices

North America

Sensata Technologies, Inc.
Electrical Protection
529 Pleasant Street, MS B-49
Attleboro, Massachusetts 02703
Phone: 1-508-236-3287

Central & South America

Sensata Technologies Sensores e
Controles Do Brasil LTDA.
Rua Azarias de Melo, 648
Bairro Taquaral-Campinas/SP
Brasil
Phone: 19-3754-1142

Europe

Sensata Technologies Holland B.V.
Kolthofsingel 8
7602 EM Almelo
The Netherlands
Phone: 31-546-879560

Middle East & India

Sensata Technologies India Pvt. Ltd.
Bagmane Tech Park
Byrasandra CV Raman Nagar
Bangalore-560 093
India
Phone: 91-25-099329

Asia

Sensata Technologies (Shanghai) Co., Ltd.
Novel Plaza, 8th Floor
128 Nanjing Road
West Huangpu District
Shanghai 200003, PRC
Phone: 86-21-23061553



Sensata Technologies

529 Pleasant Street
Attleboro, MA 02703-2964
U.S.A.
Phone 1-508-236-3800
www.sensata.com

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