



## SB/ESB Series Thermal Protectors

First Technology's miniature, glass encapsulated thermal protectors provide both thermal current and current overload protection.

The SB/ESB family of protectors combines First Technology'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, Ni-Cad battery packs, transformers and internal protection for compressors.

First Technology is an ISO and TS registered company. We provide world-class quality products error free and on time.

### Features:

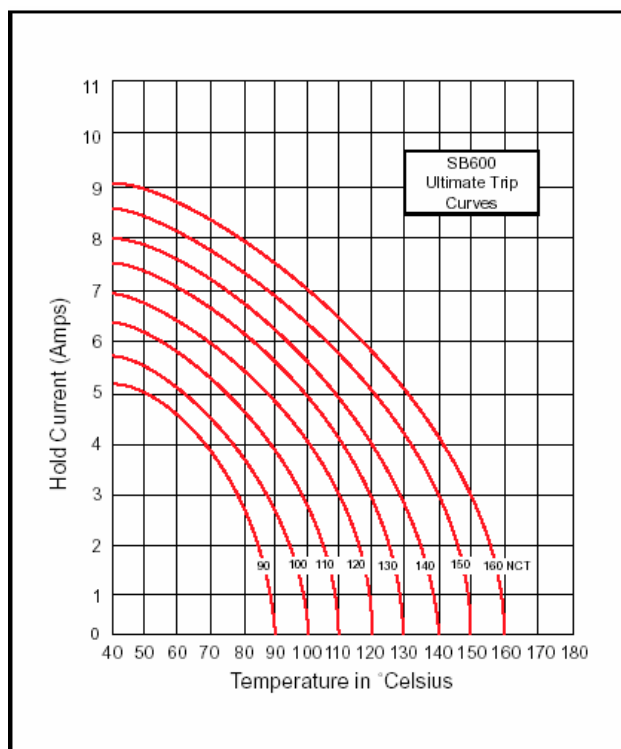
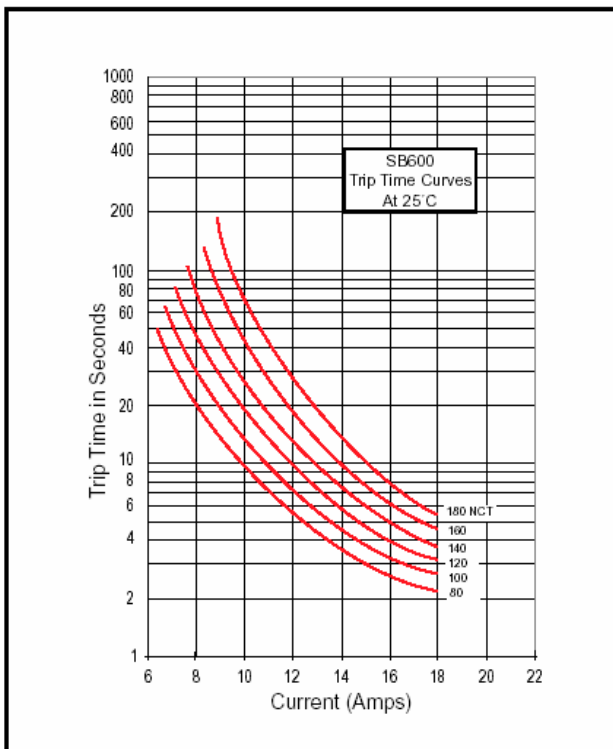
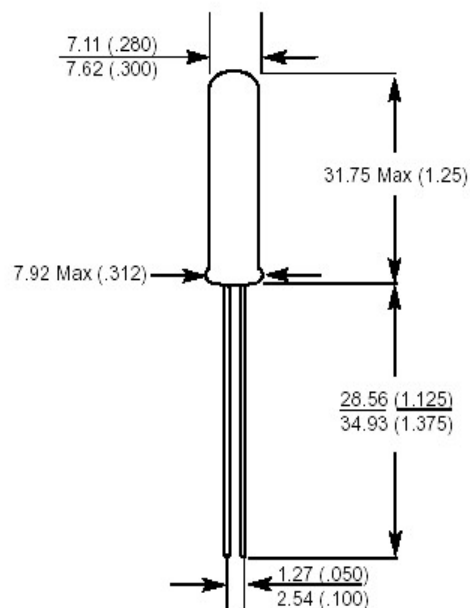
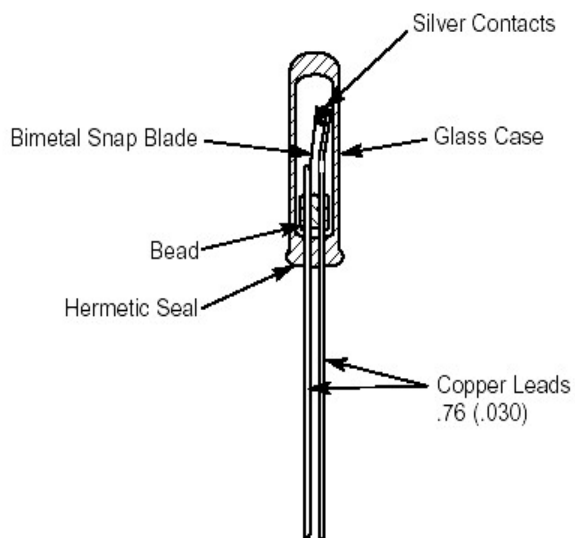
- Hermetically sealed
- Compact
- Opening temperature range of 60°C to 170°C in 5°C increments
- Snap action
- Copper or tin plated copper leads in a variety of lengths

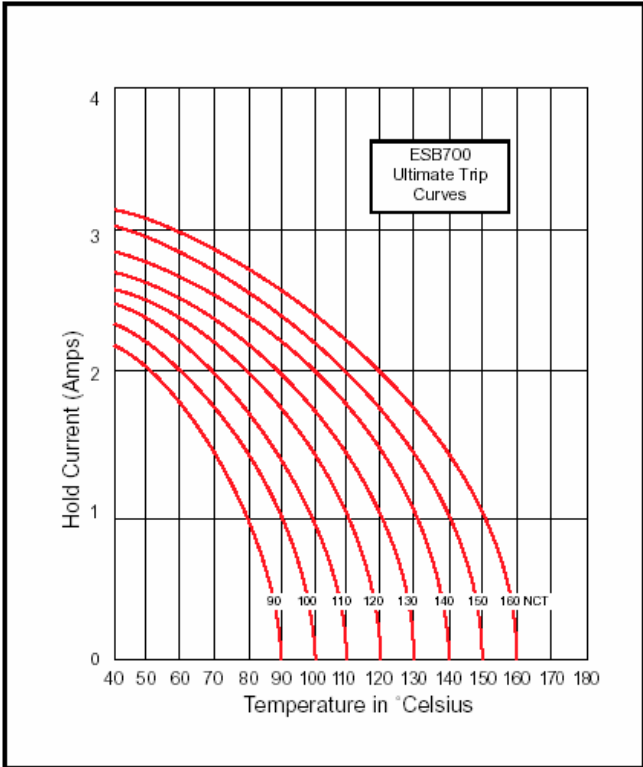
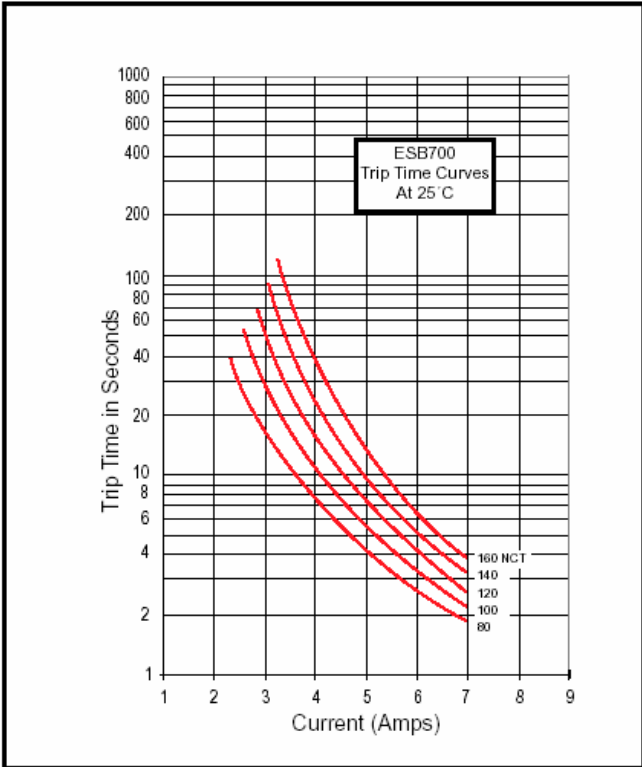
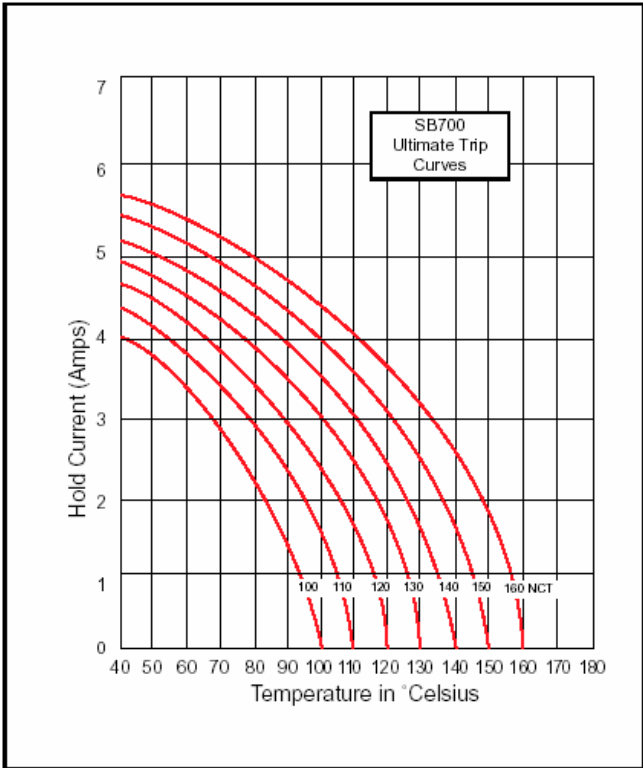
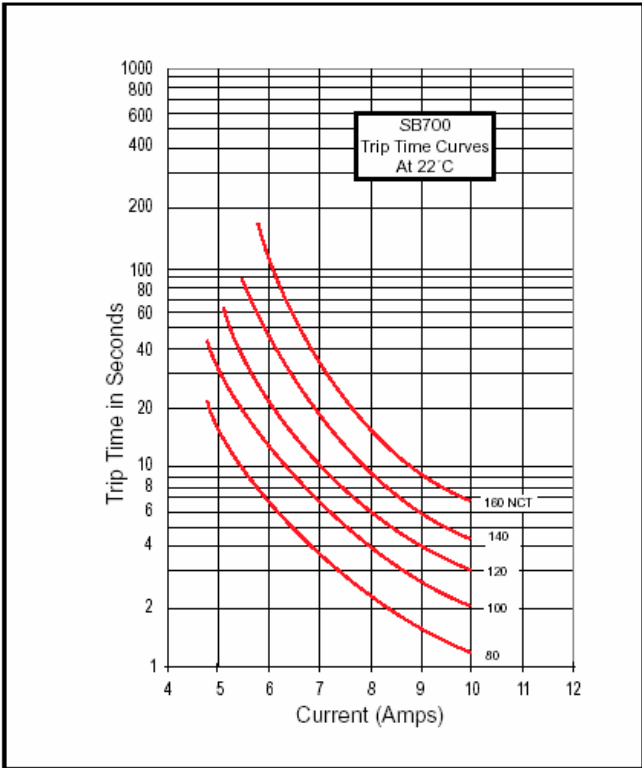
### Benefits:

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



Dimensions in mm (inches)





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.

## 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



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