

TS 车窗电机保护器 Window motor protector

TS车窗电机保护器外壳为耐高温塑壳设计，是具有过温保护功能和精准控制电流过载的精密保护元件。可有效地防止电机、变压器等因温度过高、电流过大而产生的损害。



产品特性

- 体积小、寿命长和高可靠性；
- 非常精确的跳闸时间，防止马达温度过高；
- 具备有感应电流及温度而动作之双重性能；
- 端子有多款种类，可灵活选择；
- 工作环境温度：-20°C~80°C。

应用范围

- 车窗马达、天窗马达、天线马达
- 雨刷发动机、滑门发动机、调节器发动机

TS is a precise protector with plastic housing. It is sensitive to both temperature and current and can protect motor or transformer from over heating or loading effectively.

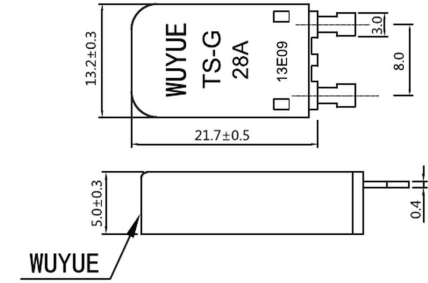
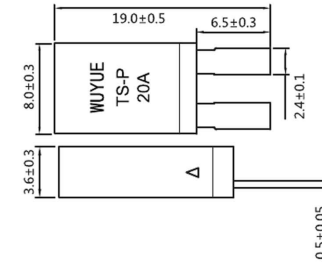
Dimensional Drawings

- Small size, long life and high reliability;
- Accurate trip off time to prevent motor from overheating;
- Both temperature and current sensitive;
- Terminal are variable;
- Working temperature: -20-80°C.

Application

- Window motor, skylight motor and aerial motor
- Various engines

尺寸图 Dimensional Drawings



跳闸电气规格 Electrical Specifications

- 125V AC/250V AC : 2~20
- 12V DC/24V DC : 3~35A
- 电流跳脱值设计范围：2~35A
Trip off current range : 2~35A
- R/T25°C电流检测标准：
Trip off time under R/T25°C
- 4~10秒(可按客户要求制定)
4~10 Seconds (or customized)

设计原理

TS 型热保护器当电流通过有阻抗的过热保护元件，随电流增大或周围温度升高至设定温度值时，双金属元件迅速动作，打开触点，切断电路。当装置冷却到安全工作温度时，触点自动闭合，恢复通电。

温度范围及公差 Temperature Range and Tolerance

动作温度 Operating temperature
60~180°C，每5°C一个规格 (each 5°C per rating)
动作温度公差 Operating temperature tolerance
±5°C，±8°C

Design Principles

When ambient temperature or current exceeds the specified value, the inside bimetal of TS series will trip off to cut the circuit. When the temperature lowers down, the bimetal will reset and the circuit is connected again.