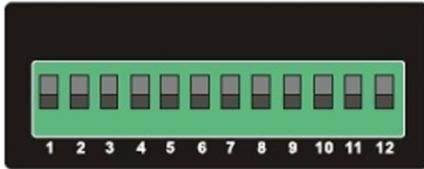
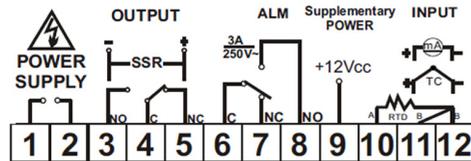
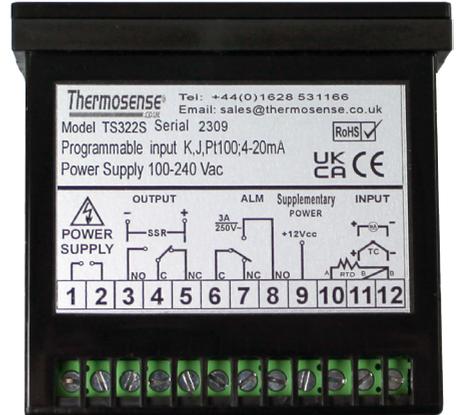


TS322 Low Cost Programmable Digital Thermostat

The compact TS322 digital controller is an easy-to-use, low-cost thermostat which can accept Type K and J Thermocouples, 2 or 3 wire RTD sensors and 4~20mA inputs. Suitable for heating and cooling applications. A cost-effective solution for simple control and monitoring applications.

- Universal inputs (Thermocouple, Pt100, 4~20mA)
- Bright LED display
- Compact size (75mm x 33mm x 70mm)
- Basic on/off control with programmable hysteresis
- Simple to use, easy to configure



Technical Details

Input(s)	Thermocouple Type K, J (-30°C to +999°C) 2 or 3 wire Pt100 (-199°C to +654°C) 4~20mA (-199 to +999) (requires a 250 ohm resistor fitted between input terminals)
Display	3-digit LED
Control Method	On / Off
Control Output	Relay (15A/250V) or Solid State Relay (14V DC)
Alarm Output	Relay (3A/250V)
Accuracy	0.5% FS
Sampling Time	0.5 seconds
Working Environment	0 to +50°C, less than 80% RH (non-condensing)
Power Supply	110~240 V AC or 21~30 V AC/DC
Dimensions	75mm (W) x 33mm (H) x 70mm (D)
Mounting / Cutout Dimensions	Panel-mounted with drilling template 71mm x 29mm

control output	alarm output	power supply	order code
Relay (15A/250V)	One Relay Alarm (3A/250V)	110/240 V AC	TS322
Solid State Relay	One Relay Alarm (3A/250V)	110/240 V AC	TS322S
Relay (15A/250V)	One Relay Alarm (3A/250V)	21-30 V AC/DC	TS322A
Solid State Relay	One Relay Alarm (3A/250V)	21-30 V AC/DC	TS322SA