

Digital Temperature Switch Series TS2

Easy Multi-Unit Programming, 16A SPDT Relay Output

Monitor and control temperature for heating and cooling applications with the series TS2 Digital Temperature Switch. The Series TS2 offers 12 programmable functions to customise the unit to fit application requirements.



Use the 16(5) amp SPDT relay output to drive a motor, compressor or fan. Designed with the OEM in mind, the TS2 offers the ability to configure multiple units with the touch of a button.

Programming multiple units is quick and easy. Simply program one switch with the desired parameter settings and connect the configuration key (sold separately TS2-K Key) to the back of the unit. Press the button on the configuration key and download the parameter settings. Connect the key to the other switches to upload the stored settings with the push of a button.

The TS2 features set point adjustments, static defrost timing, compressor mean time, hysteresis and ambient probe adjustment. Security protection is offered using a password code. The TS2 Digital Temperature Switches are designed to operate with the PTC (1000Ω @ 25°C).

Specifications

- Probe Range: -50°C to 150°C (-58° to 302°F)
- Input: PTC thermistor 1000Ω @ 25°C
- Output: 16A SPDT relay @ 250VAC resistive, 5A inductive
- Horsepower rating (HP): 3/4 HP
- Control Type: ON/OFF
- Power Requirements: 110VAC, 230VAC or 12VAC/VDC (depending on model)
- Accuracy: +1% FS
- Display: 3-Digit, Red 12.7mm digits
- Resolution: 1°
- Memory Backup: Nonvolatile memory
- Ambient Operating Temperature: -10°C to 55°C
- Storage Temperature: -20°C to 80°C
- Weight: 2.3oz (65g)
- Front Panel Rating: NEMA 4X (IP65)
- Key Input: TS2-K Key

Part No.	Description
TS2-KLT11D	Digital control
TS2-K	Remote configuration key
TS-5	5m length cabled probe

