

TPR6-14



Temperature Protection Relay
dependable performance
in a compact package
Monitors 1 - 14 RTD / Thermistor Inputs



accepted worldwide
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Temperature Protection Relay

The TPR6 monitors 1-14 RTD/Thermistor temperature inputs. It accurately measures the temperature increase to protect the motor / transformer from damage due to heat build-up in the windings and / or bearings. The built-in self test protects against disconnected sensors and operator faults.

Performance Features

- Advanced microprocessor based circuitry
- Display of operating RTD or Thermistor Data, Fault and Statistics
- Programmable inputs and outputs
- RS-485 communication with MODBUS protocol
- Easy installation and friendly operation
- Two level protection for Alarm and Trip
- Selection between Trip and Trip fail-safe
- Analog output related to any input or input combinations
- RTD / Thermistor selection
 - RTDs 100 ohm Platinum (PT100)
 - Thermistor - PTC or NTC
- Disconnected sensor protection

Protection Features

- RTD / Thermistor with two levels for each input
- Thermistor PTC / NTC selection
- Over temperature Alarm and Trip to each input
- Continuous analog output signal
- External fault 1 and 2

Protection Functions

Exact input can be assigned to any of the following items:

- Alarm only - Relay A
- Trip only - Relay B
- Alarm and Trip
- Disabled
- Enabling Auto Reset
- Programmable Relay C

TPR6 Dimensions

H x W x D (in inches) = 5.7" x 3.8" x 3.85"



Applications

- L.V. and M.V. motors (Windings & Bearings)
- Motors driven by Variable Frequency Drives
- Transformers
- Multiple winding and bearing devices (turbines)



How to Order:

Example:

TPR6 - 14 - 2 - M - 0 - S

↓ Supply Voltage 110 - 230V 50/60 Hz or DC
 ↓ Modbus Comm
 0 = Standard Unit
 M = Marine Approved

