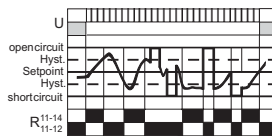




Function

- Control relay active
- Control relay passive
- Contact closed
- Contact open



Description

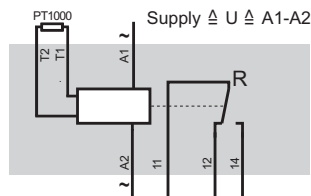
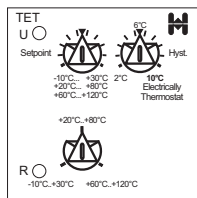
The measuring range is selected with the lower potentiometer three ranges are available:
 -10°C...+30°C; +20°C...+80°C; +60°C...+120°C.

With the "Setpoint" potentiometer the required temperature value is selected, the "Hyst." potentiometer determines the trip point. The relay de-energises if the temperature is greater than "Setpoint+Hyst.", and re-energises when the temperature falls below "Setpoint-Hyst."

The relay also de-energises if there is a short circuit, open circuit or supply failure.

The use of shielded twisted pair cable is recommended for connection of the PT1000. It is not recommended to connect the PT1000 together with the power supply.

If using shielded twisted pair use the "T2" terminal.



TET

overview

- ◆ standard PT1000 detection
- ◆ 3 measuring ranges
- ◆ setpoint and hysteresis independently adjustable
- ◆ LED indicators for power supply and output relay
- ◆ 45mm DIN rail mount housing

specification

supply voltage variation	nominal voltage +10% / -15%
frequency range	48 - 63 Hz
duty cycle	100%
output relay specification	
Ue/Ie AC-15	120V/3,5A 240V/3A
Ue/Ie DC-13	24V/2,5A
expected life time	1 SPCO
mechanical	5 x 10 ⁶ operations
electrical	1 x 10 ⁵ operations
screws	pozidrive 1
screw tightening torque	0,6...0,8Nm
operating conditions	-20 to +60 °C non condensing
	* EN 60947-5-1 VDE 0435

ordering information

part no	supply	output	sup. galv. iso*	CE	housing types
TET 230Vac	230V~ 2,5VA	SPCO	yes	-	C
TET 115Vac	115V~ 2,5VA	SPCO	yes	-	C
TET 24Vac	24V~ 2,5VA	SPCO	yes	-	C
TET 24Vdc	24V= 2W	SPCO	no	-	C

* The measurement input is galvanically isolated from the power supply.