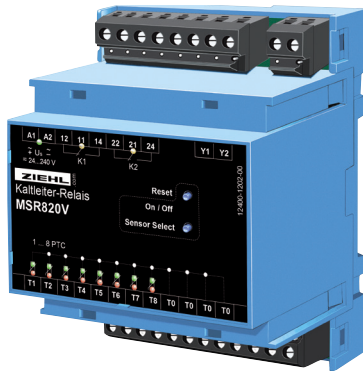


PTC-Resistor-Relay Type MSR820V

8 PTC-Circuits

MSR820V



Part numbers:

T221709 AC/DC 24-240 V

T224384 ER4



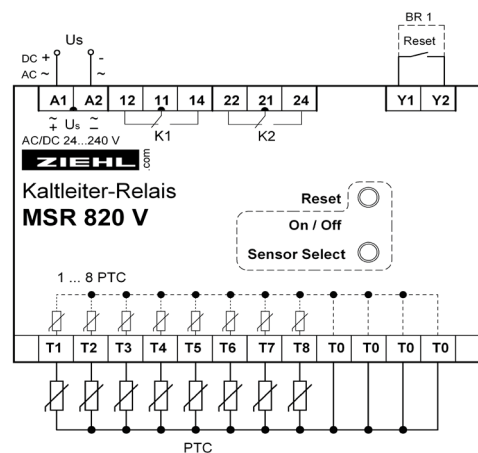
The MSR820V monitors up to 8 PTC-resistor-circuits at the same time. A common relay signals an alarm or an error in a sensor-circuit.

The inputs can be enabled or disabled during operation.

The MSR820V can also be used as a fault annunciator for collective reports

- 1-8 PTC-circuits, each 1...6 PTC in series (max. cold-resistance 1500Ω/circuit)
- Easy activating/deactivating of PTC-circuits (display with LEDs)
- 2 potential-free relay-outputs, display of switching state with LEDs
- Display of state of PTC-circuits with 2 LEDs per circuit
- Electronic reclosing-lock (disconnectable with bridge Y1-Y2)
- monitoring of contacts for collective fault-reports

- Programmable functions:
 - Monitoring of short-circuit of PTCs (off / on)
 - External Reset as normally closed (nc) or open (no) contact (Y1, Y2)
 - Power-fail-safe reclosing lock (off / on)
 - Function of relay
 - K1 and K2 closed-current mode
 - K1 and K2 operating-current mode
 - K1 closed- and K2 operating-current-mode
- Universal supply-voltage AC/DC 24 – 240 V
- Mounting on DIN-rail 35mm EN 60715 or wall-mount (Option)
- Mounting height 55 mm
- Accessory: [Installation frame ER4 for panel mount](#)



BR 1: reclosing lock off

Technical Data

Rated supply-voltage U_s	AC/DC 24-240 V 0/50/60 Hz + 25/-20 %, <1W,<3VA DC 20,4 - 297 V AC 20 - 264 V
Connectable PTC-resistors Switching Point	8 x 1...6 pieces according to DIN 44081/82 3,3 kΩ...4 kΩ typical 3,65 kΩ
Output Relay Type of contact	2 x 1 change-over contact (CO) AgSnO ₂
Testing Conditions Rated ambient Temperature range	see "general technical informations" -20...+55 °C
Housing / Installation Frame Dimensions H x W x D Attachment	Design V4 / Front mounting kit type ER4 90 x 70 x 58 [mm] mounting height 55 mm on rail NS 35 mm according to EN 60 715 or with screws M4 (option)
Protection Housing / Terminals Weight	IP 30 / IP 20 app. 180 g