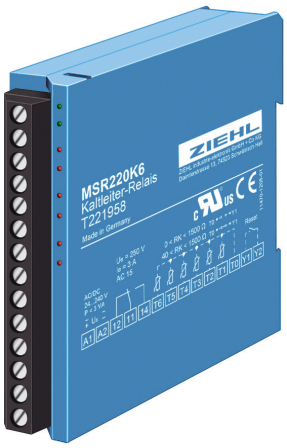
PTC-Resistor-Relay Type MSR220K6

6 PTC-Circuits

MSR220K6

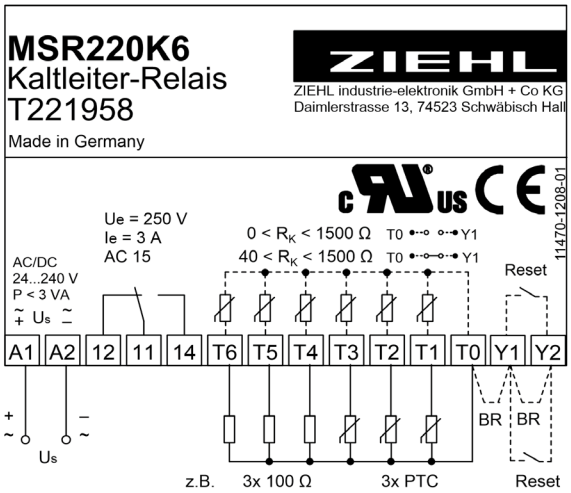


Part number:
T221958 AC/DC 24-240 V

The MSR220K6 monitors up to 6 PTC-reseitor sets with up to 6 PTCs each at the same time. If a temperature rise occurs in one set, the output relay releases and LEDs show the overheated sensor.
Switching-off is stored until a Reset. Thus enables to find the overheated sensor even when it has cooled down.

With the MSR220K6 only 4 mm space is needed per monitored PTC-circuit.
It is especially suitable for monitoring drives with multiple motors, like cranes or robots.
Instead of the PTC-sensors also contacts (normally closed) can be connected.

- 6 PTC-resistor sets, each 1...6 PTC
- Monitoring of short-circuit of sensor
- Output relay 1 x change-over contact
- Electronic reclosing lock (disconnectible with bridge)
- Input for external RESET
- Automatic RESET at voltage recovery
- LED for power on (green)
- 6 LEDs for display of overheated sensor
- Universal supply voltage AC/DC 24-240 V
- UL Recognized Component



Technical Data

Rated supply voltage Us	AC/DC 24-240 V, AC 19-264 V, DC 20-297 V, <2 VA
connectable PTC resistors switching point	6 x 1... 6 PTC according to DIN 44081 or 44082 <4000Ω
output relay Type of contact	change-over contact (co) type 2 see "general technical informations"
test conditions rated ambient temperaturer-ange	see "general technical informations" -20... +55 °C
dimensions (h x w x d) attach-ment	design K: 75 x 22,5 x 110 [mm] on 35 mm DIN rail according to DIN EN 50 022 or with screws M4
protection housing / terminals weight	IP 30 / IP 20 approx. 145 g