PTC-resistor relay type MSF220K

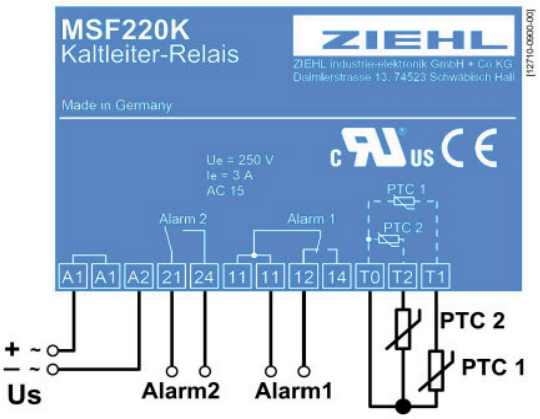
for Dry-Transformers, 2 PTC-Circuits

MSF220K



PTC-relay for the monitoring of dry transformers.
Alarm 1 with relay in closed-circuit current mode for pre-liminary warning, releases at over-temperature at PTC-set 1 and serves at the same time as functional monitoring.
Alarm 2 in operating current mode. Thus no wiping signal occurs when switching on the supply voltage on.
Additional terminals enable comfortable wiring from supply voltage to relays K1 and/or K2.

- 2-PTC resistor sets
- 2 output relays 1 change-over contact (co) / 1 nor-mally open contact (no)
- monitoring of sensors for short-circuit and break activatable
- Test-button (delayed)
- LEDs for ON, alarm 1 and 2
- K-type housing, vertically arranged terminals, 22,5 mm wide
- for attachment on DIN rail 35 mm or with 2 screws M4



Part numbers:

T221718	AC 220-240 V
T221717	AC/DC 24-240 V

Technical Data

Rated supply voltage Us	AC 220 - 240 V ± 10 %, 50/60 Hz, ≤2 VA AC/DC 24-240 V, AC 19 - 264 V, DC 20 - 297 V <3VA
connectable PTC resistors	2 x 1... 6 PTC according to DIN 44081 or 44082
switching point	< 4000 Ω
output relays	1 change-over contact (co), 1 normally-open contact (no)
type of contact	type 2 see "general technical information"
test conditions	see "general technical information"
rated ambient temperature range	-20... +55 °C
dimensions (h x w x d)	design K: 75 x 22.5 x 110 [mm]
attachment	on 35 mm DIN rail according to DIN EN 50 022 or with screws M4
protection housing / terminals	IP 30 / IP 20
weight	approx. 110 g