

PTC-resistor relay type MSF220K

for Dry-Transformers, 2 PTC-Circuits

MSF220K



Part numbers:

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

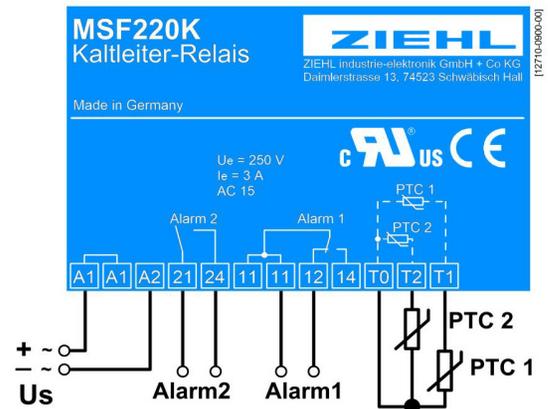
PTC-relay for the monitoring of dry transformers.

Alarm 1 with relay in closed-circuit current mode for preliminary 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 normally 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



Technical Data

Rated supply voltage U_s

AC 220 - 240 V $\pm 10\%$, 50/60 Hz, ≤ 2 VA
AC/DC 24-240 V, AC 19 - 264 V, DC 20 - 297 V < 3 VA

connectable PTC resistors
switching point
output relays

2 x 1... 6 PTC according to DIN 44081 or 44082
 $< 4000 \Omega$
1 change-over contact (co), 1 normally-open contact (no)

type of contact
test conditions
rated ambient temperature range
dimensions (h x w x d)
attachment

type 2 see "general technical information"
see "general technical information"
-20... +55 °C

protection housing / terminals
weight

design K: 75 x 22.5 x 110 [mm]
on 35 mm DIN rail according to DIN EN 50 022
or with screws M4
IP 30 / IP 20
approx. 110 g