

PTC-resistor relay type MSF 220 K

for Dry-Transformers, 2 PTC-Circuits

MSF 220 K



Low Cost execution 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.

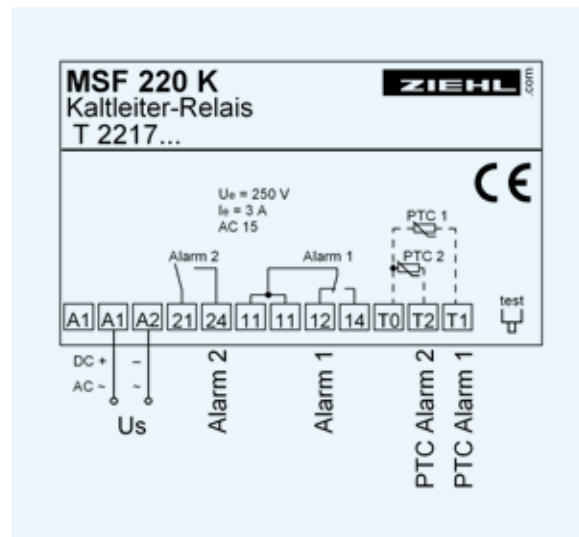
Additional terminals enable comfortable wiring from supply voltage to relays K1 and/or K2.

- 2-PTC resistor sets
- 2 output relays 1 change-over contact (co) / 1 normally open contact (no)
- TEST-button, for alarm 1 and 2 power on green LED
- red LEDs for 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

Order numbers:

AC 230 - 240 V **T 221716**

AC/DC 24 - 240 V **T 221715**



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 < 2 VA
2 x 1... 6 PTC according to DIN 44081 or 44082
 $< 4000 \Omega$

connectable PTC resistors
switching point
output relays

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 informations")
see "general technical informations"
 $-20 \dots +55 \text{ }^\circ\text{C}$

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