

PTC-Resistor-Relay Type MSF220SE

for Dry-Transformers, 2 PTC-Circuits

MSF220SE



The MSF220SE is a 2-channel PTC resistorrelay. It is used favourably wherever an alarm has to be suppressed for a short period when applying the supply voltage.

- 2 PTC resistor sets
- 2 output-relays with change-over contacts (co)
- integrated timing-relay K3 to suppress an alarm-impulse when switching on supply voltage
- ALARM 1, i.e. for preliminary alarm
- ALARM 2, i.e. for switching off
- power on green LED
- ALARM 1 yellow LED
- ALARM 2 red LED
- Test-button for testing of relays K1/K2
- time-delayed signal (2-4s) of K3 available at terminal 1 for external use

Thanks to the delayed switching-on of relay K3, the MSF 220 SE is especially suitable in applications, where an auxiliary voltage is not available and the secondary

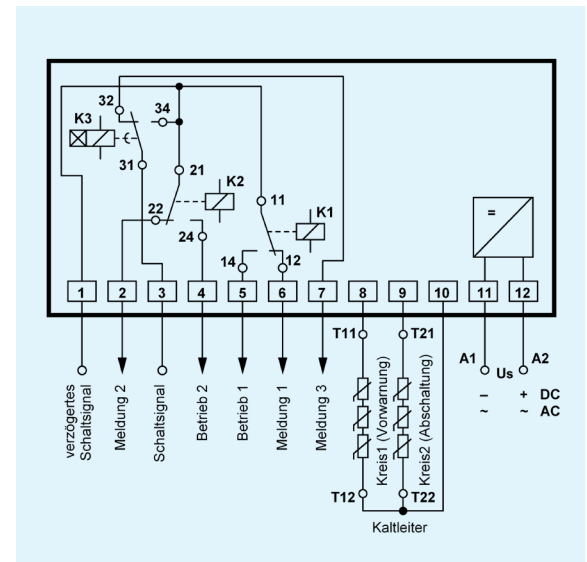
voltage of the monitored transformer is being used as supply voltage.

As a consequence of this feature, there will be no alarm case of failure of supply voltage. We recommend therefore the monitoring of the function of K3 at terminals 1 or 7.

Order numbers:

AC/DC 90 - 240 V **T221697**

AC/DC 24 - 240 V **T221696**



Technical Data

Rated supply voltage U_s

connectable PTC resistors
switching point

output relays
type of contact
test conditions
rated ambient temperature
range

dimensions (h x w x d) attachment

protection housing / terminals
weight

AC/DC 90-240 V, AC 80-264 V, DC 80-297 V, < 2 VA
AC/DC 24-240 V, AC 20-264 V, DC 21-297 V, < 2 VA
2 x 1... 6 PTC according to DIN 44 081 or 44 082
< 4000 Ω

2 x 1 change-over contacts (co)
type 2 see "general technical information"
see "general technical information"
-20... +55 °C

design S 12: 82 x 42 x 121 [mm]
on 35 mm DIN rail according to DIN EN 50 022
or with screws M4
IP 40 / IP 20
approx. 290 g