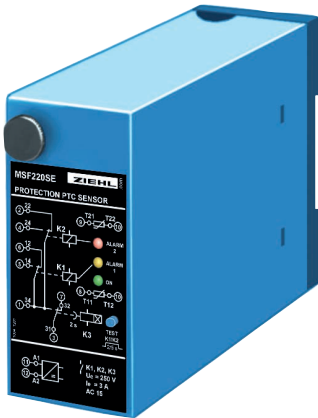


PTC-Resistor-Relay Type MSF220SE

for Dry-Transformers, 2 PTC-Circuits

MSF220SE



Part numbers:

T221697 AC 90-240 V
T221696 AC/DC 24-240 V

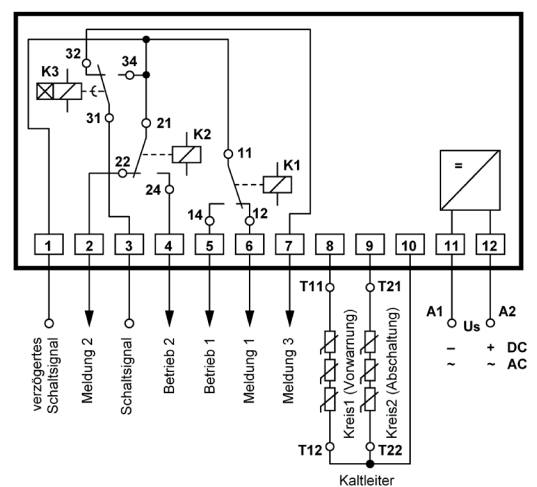
The MSF220SE is a 2-channel PTC resistorrelay. It is used favourably wherever an alarm has to be suppressed for a short period when applying the supply voltage.

- 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 transfor-

mer 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.



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