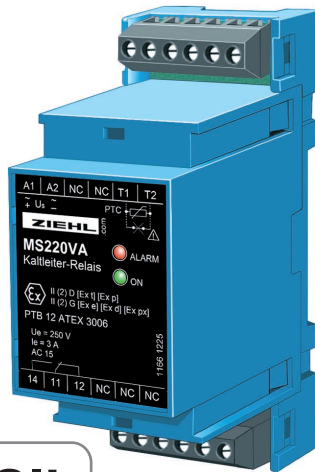


PTC-Resistor-Relay Type MS(R)220VA

Single PTC-Circuit, Atex-Approval according to Directive 94/9/EC

MS220VA



PTC-relay for the application as a protection device against inadmissible heating up at electrical equipment in areas with explosive gases (zones 1 and 2) and areas with combustible dust (21 and 22), e.g. for direct temperature-monitoring of explosion-proof motors EEx e and EEx d.

This compact version is especially suitable for mounting in fuse-boxes or power-distribution panels.

- ATEX-approval according to directive 94/9/EC
- SIL 1 nach IEC 61508
- PL c nach ISO 13849

- 1 PTC-resistor (thermistor) set, each 1...6 PTC-sensors
- short-circuit monitoring of sensor-circuit
- output-relay with 1 change-over contact (co)
- 2 LEDs for ON and ALARM
- housing for mounting in fuse-boxes
- mounting height 55 mm, 35 mm wide
- assembly on DIN-rail or with 2 screws M4
- Option:
 - other supply-voltages

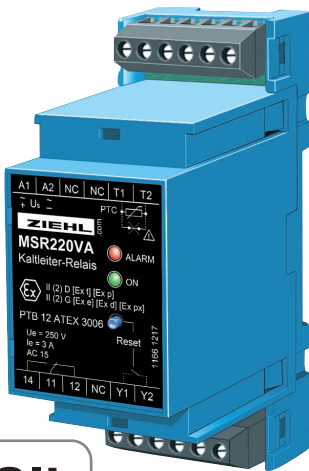
Order-number:

AC 220-240 V **T222415**



II (2) G [Ex e] [Ex d] [Ex px]
II (2) D [Ex t] [Ex p]

MSR220VA



Same execution as MS220VA, additionally with electronic reclosing lock. An alarm is stored until a reset is made.

- ATEX-approval according to directive 94/9/EC
- SIL 1 nach IEC 61508
- PL c nach ISO 13849
- electronic reclosing lock (disconnectable)
- integrated RESET-button
- link for external reset
- automatic reset at voltage recovery
- Option:
 - other supply-voltages

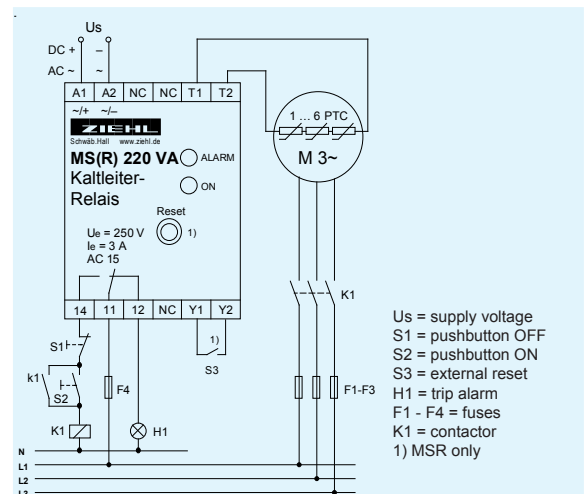
Order-numbers:

AC 220-240 V **T222435**

AC/DC 24 V **T222431**



II (2) G [Ex e] [Ex d] [Ex px]
II (2) D [Ex t] [Ex p]



Technical Data

Rated supply-voltage U_s

connectable PTC-resistors
switching point
output relay
type of contact
test conditions
rated ambient temperature
dimensions (h x w x d)
attachment
protection housing/terminals
weight

AC 220 - 240 V $\pm 10\%$ 50/60 Hz ≤ 2 VA
AC/DC 24 V, AC $\pm 10\%$ DC 21- 30 V < 2 VA, without potential separation
1...6 in series according to DIN 44081 or 44082
 $< 4000 \Omega$
1 change-over contact (co)
type 2 (see "general technical informations")
see "general technical informations"
-20...+55 °C
design V2: 90 x 35 x 58 [mm]
on 35 mm DIN-rail or with 2 screws M4
IP 30 / IP 20
app.. 120 g