

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

Atex-Approval according to Directive 94/9/EC

MS 220 Vi



PTC-relay for the application as a protection device against inadmissible heating up at electrical equipment in areas with explosive gases (zones 0, 1 and 2) and in areas with combustible dust (zones 20, 21 and 22), e.g. for direct monitoring in explosion-protected areas where intrinsic safety class "i" is afforded. PTC-Sensors (Thermistors) of intrinsic safety class "i" can be connected directly. The sensors may be placed in the potentially explosive atmosphere, e.g. for mechanical explosion-protection at bearings. The relay itself may not be installed in the potentially explosive atmospheres.

- ATEX-approval according to directive 94/9/EG
- Safety Integrity Level SIL 1
- 1 PTC-resistor set (thermistors), each 1...6 PTC
- Short-circuit monitoring of sensor-circuit
- Output-relay with 2 change-over contacts
- LEDs for ON and ALARM
- Housing for mounting in switchgear-cabinet, 70 mm wide, mounting height 55 mm
- Assembly on DIN-rail 35 mm or screws M4
- Option:
other supply-voltages

Order-number:

AC 220-240 V **T 222185**

Ex II (1) GD [Ex ia] II C [Ex ia D]

MSR 220 Vi



Same execution as MS 220 Vi, additionally with electronic reclosing lock. An alarm is stored until a reset is made.

- ATEX-approval according to directive 94/9/EG
- 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 **T 222195**

AC/DC 24 V **T 222191**

Ex II (1) GD [Ex ia] II C [Ex ia D]

