## PTC-Resistor-Relay Type MS(R)220VA Single PTC-Circuit, Atex-Approval according to Directive 2014/34/EU

## PTC-relay for the application as 1 PTC-resistor (thermistor) set, each 3 or 6 PTC-MS220VA a protection device against inadsensors missible heating up at electrical short-circuit monitoring of sensor-circuit .... • equipment in areas with explooutput-relay with 1 change-over contact (co) sive gases (zones 1 and 2) and • 2 LEDs for ON and ALARM areas with combustible dust (21 • housing for mounting in fuse-boxes an 22), e.g. for direct temperatumounting height 55 mm, 35 mm wide re-monitoring of explosion-proof assembly on DIN-rail or with 2 screws M4 A1 A2 NC NC T1 T2 motors EEx e and EEx d. **UL Recognized Component** This compact version is espe-Option: cially suitable for mounting in other suppy-voltages fuse-boxes or power-distribution II (2) D [Ex tb Db] [Ex pxb Db] panels. SIL II (2) G [Ex eb Gb] [Ex db Gb] [Ex pxb Gb] UK ATEX-approval according to 14 11 12 NC NC NC directice 2014/34/EU Part number: SIL 1 nach IEC 61508 T222415 AC 220-240 V FFFFFFF PL c nach ISO 13849 Same execution as MS220VA, MSR220VA II (2) D [Ex tb Db] [Ex pxb Db] SIL additionally with electronic recloll (2) G [Ex eb Gb] [Ex db Gb] sing lock. An alarm is stored until [Ex pxb Gb] UK a reset is made. Part numbers: .... T222435 AC 220-240 V ATEX-approval according to T222431 AC/DC 24 V directive 2014/34/EU SIL 1 nach IEC 61508 PL c nach ISO 13849 electronic reclosing lock (dis-3 or 6 PTC connectable) ⊊ Us <u>∼</u> M 3~ integrated RESET-button link for external reset automatic reset at voltage recovery 11 12 NC Y1 Y2 **UL Recognized Component** K1 Option: 83 - other supply-voltages S1 1 F2-F4 к1<sup>11</sup> \ S2 🖒 F1 H1⊘ K1 ε Ν L1 L2 L3 PTC = PTC termistor H1 = indicator lamp fault Us = supply voltage F1 - F4 = fuses S1 = push button OFF K1 = contactor S2 = push button ON 1) external interlock S3 = remote reset 2) only MSR devices **Technical Data** Rated supply-voltageUs AC 220 - 240 V ± 10 % 50/60 Hz ≤ 2 VA AC/DC 24 V, AC ± 10 % DC 21- 30 V < 2 VA, without potential separation connectable PTC-resistors 3 or 6 in series according toDIN 44081 or 44082 switching point < 4000 Ω output relay 1 change-over contact (co) type of contaxt type 2 see "general technical information" test conditions see "general technical information" rated ambient temperature -20...+55 °C dimensions (h x w x d) design V2: 90 x 35 x 58 [mm] attachment on 35 mm DIN-rail or with 2 screws M4 protection housing/terminals IP 30 / IP 20

app. 120 g

weight