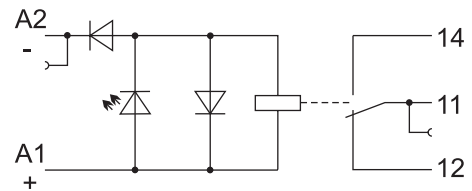
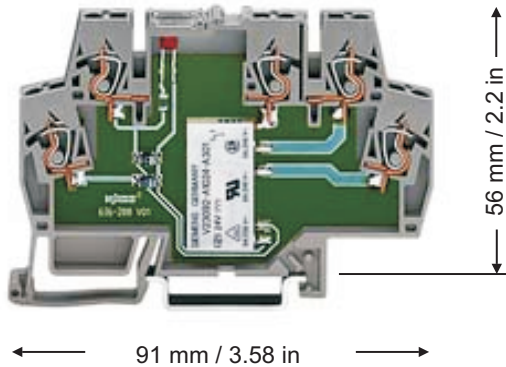


Electronic Terminal Block with Miniature Switching Relay

1/2

1 changeover contact

Data sheet



| Description | Item-No. | Pack.-unit pcs | |
|--|--|---|--|
| Switching relay terminal block | | | |
| U_N DC 12 V | 859-303 | 1 | |
| I_N 17 mA | 859-304 | 1 | |
| DC 24 V | | 10 mA | |
| <ul style="list-style-type: none"> Switching relay terminal block with miniature switching relay 1 changeover contact for medium switching powers. Safe electrical isolation meets DIN VDE 0140, DIN EN 61140. Mounting on DIN 35 rail. | Technical Data | | |
| <p>DC-Load limiting value graph</p> | Contact material Input nominal voltage U_N Input voltage range Input nominal current I_N (coil 20 °C) Max. switching voltage Max. continuous current (terminal blocks in a row) (50°C) 5 A (70°C)* 3 A Max. switching power (resistive) (resistive) Making capacity Recommended min. load Max. number of switching operations with/without load Operating power Pull-in/dropout/bounce time t_{vp} Operation at normal rating Dielectric strength contact/coil Surge voltage strength contact/coil (1.2/50 μ s) Open contact Nominal voltage acc. to VDE 0110 Part1/ 4.97 IEC 60664-1 Mechanical life at max. load (resistive) Ambient operating temperature at U_N at 1.2 x U_N *at 3 A continuous current | AgSnO ₂ see description U_N -15 %...+20 % see description AC 250 V (terminal blocks in a row) 5 A 3 A AC 1250 VA DC see load limiting value graph 10 A at max. 4 s and 10 % relative cyclic duration factor \geq 100 mA / AC/DC 12 V $6 \text{ min}^{-1} / 20 \text{ s}^{-1}$ < 320 mW 5 ms / 6 ms / 5 ms 100 % continuous duty 4 kV 6 kV 1 kV to 250 V / 4 kV / 3 2×10^7 switching operations 3×10^5 switching operations -25 °C...+50 °C -25 °C...+40 °C -25 °C...+70 °C | |
| | <p>Note: Inductive loads have to be attenuated by an appropriate protective circuit in order to protect relay coils and contacts !</p> | | |

Electronic Terminal Block with Miniature Switching Relay

2/2

1 changeover contact

Data sheet

| | | | | |
|----------------|----------------------------|---|---------|----------|
| | Storage temperature | -40 °C...+70 °C | | |
| | Terminal block width | 6 mm / 0.236 in | | |
| | Wire connection | CAGE CLAMP® | | |
| | | 0.08-2.5 mm ² / AWG 28-14 | | |
| | Stripped length | 5-6 mm / 0.22 in | | |
| | Standards / prescriptions | VDE 0435 Part 201, DIN EN 61810-1 VDE 0140, DIN EN 61140 | | |
| | Approvals | cUL _{us} UL508 / CSA22.2 E175199 | | |
| | | CB scheme | | |
| | | IEC 60947-1 / IEC 60947-5-1 DEMKO DK-7574 | | |
| | | AC15 | 3 A | AC 250 V |
| | | DC13 | 0.5 A | DC 24 V |
| | Accessories | | | |
| | End and intermediate plate | 859-525 | | |
| | Comb type jumper bar 2-way | 859-402 | | |
| | | 3-way | 859-403 | |
| | | 4-way | 859-404 | |
| | | 5-way | 859-405 | |
| | 10-way | 859-410 | | |
| Test pin 1mm Ø | 859-500 | | | |