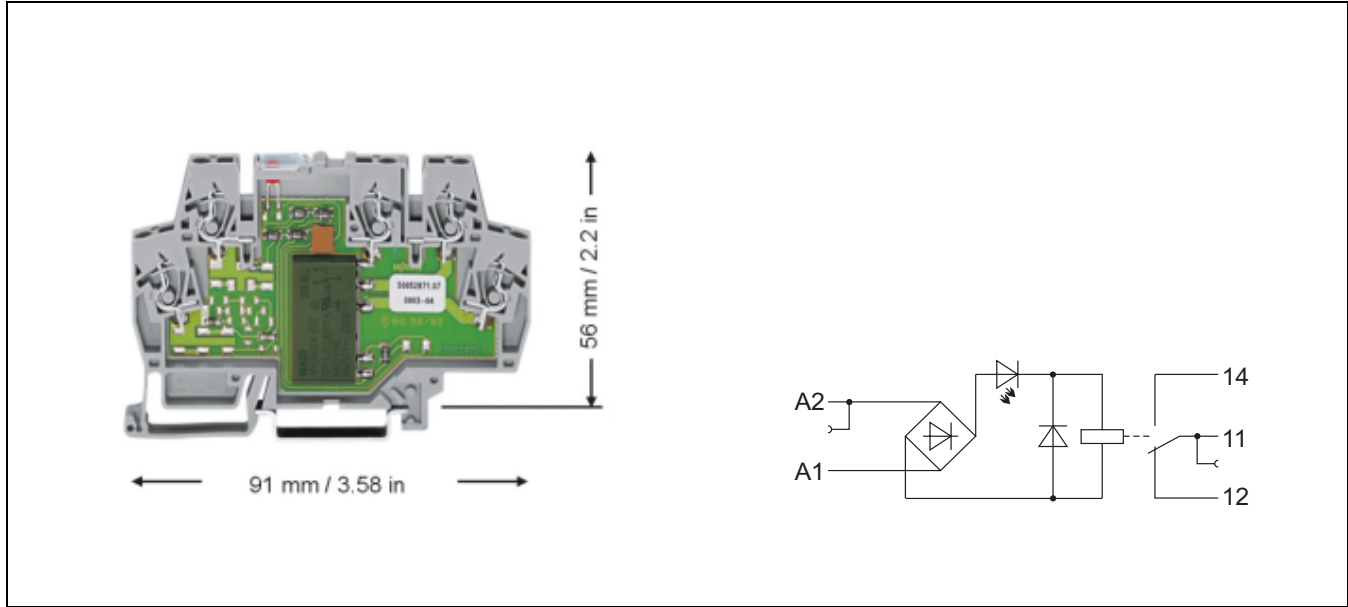


Electronic Terminal Block with Miniature Switching Relay

1/2

1 changeover contact

Data sheet



| Description | Item-No. | Pack.-unit pcs |
|--------------------------------|----------|----------------|
| Switching relay terminal block | 859-354 | 1 |

- 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.

DC-Load limiting value graph

Note: Inductive loads have to be attenuated by an appropriate protective circuit in order to protect relay coils and contacts !

| Technical Data | |
|---|--|
| Contact material | AgSnO ₂ |
| Input nominal voltage U _N | AC/DC 24 V |
| Input voltage range | U _N -15 %...+20 % |
| Input nominal current I _N (coil 20 °C) | 8 mA / 6 mA |
| Max. switching voltage | AC 250 V |
| Max. continuous current (terminal blocks in a row) | 5 A |
| Max. switching power (resistive) | AC 1250 VA |
| (resistive) | DC see load limiting value graph |
| Making capacity | 10 A at max. 4 s and 10 % relative cyclic duration factor |
| Recommended min. load | ≥ 100 mA / AC/DC 12 V |
| Max. number of switching operations with/without load | 6 min ⁻¹ / 20 s ⁻¹ |
| Operating power | < 300 mW |
| Pull-in/dropout/bounce time t _{vp} | 5 ms / 6 ms / 5 ms |
| Operation at normal rating | 100 % continuous duty |
| Dielectric strength contact/coil | 4 kV |
| Surge voltage strength contact/coil (1.2/50 μs) | 6 kV |
| Open contact | 1 kV |
| Nominal voltage acc. to VDE 0110 Part1/ 4.97 | |
| IEC 60664-1 | 250 V / 4 kV / 3 |
| Mechanical life | 5 x 10 ⁶ switching operations |
| at max. load (resistive) | 3 x 10 ⁴ switching operations |
| Ambient operating temperature at 0.85 x U _N | -25 °C...+40 °C |
| at U _N | -25 °C...+50 °C |
| at 1.2 x U _N | -25 °C...+40 °C |
| Storage temperature | -40 °C...+70 °C |
| Terminal block width | 6 mm / 0.236 in |

Electronic Terminal Block with Miniature Switching Relay

2/2

1 changeover contact

Data sheet

| | | | | |
|-----------------|----------------------------|---|---------|----------|
| | 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 | cULus 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 1 mm Ø | 859-500 | | | |