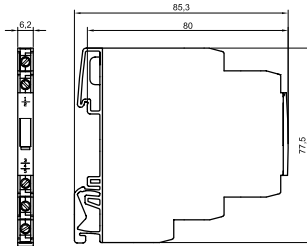


Interface Technology · Microcompact Solid State Relay

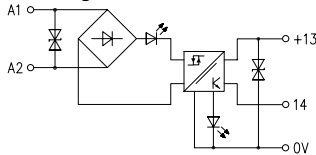
DC Solid State Relay, 3 wire, plus switching
Switching element DC 30 V; 5 A; short circuit protection
Screw-/ Spring terminal



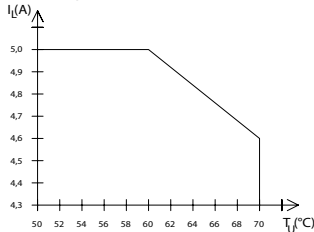
Dimensions



PIN assignment



Derating



| Description | Part-No. | Type | PU | |
|--|---|-----------------------|-------------------|-------------------|
| Screw terminal | | | | |
| Rated voltage | DC 24 V | 760103 | OT 6-0103 DC 24 V | |
| Spring terminal | | | | |
| Rated voltage | DC 24 V | 761103 | OT 6-1103 DC 24 V | |
| Input | | | | |
| DC 24 V | | | | |
| Input voltage range | 10.0 – 30.0 V | | | |
| Rated current | 7.0 mA | | | |
| Interrupting voltage | <9 V | | | |
| Protection device | Suppressor diode | | | |
| Status indication | LED yellow, short circuit red | | | |
| Rated frequency | – | | | |
| Output | | | | |
| Switching element | Transistor, N/O contact | | | |
| Min. switching voltage | DC 10 V | | | |
| Max. switching voltage | DC 30 V | | | |
| Min. switching current | DC 1 mA | | | |
| Max. switching current | DC 5 A (Derating) | | | |
| Inrush current | – | | | |
| Leakage current | – | | | |
| Switch-on delay | 220 µs | | | |
| Switch-off delay | 200 µs | | | |
| Switching frequency | <2 kHz | | | |
| Clearance/creep. dist. (contol/load side) | >5.5 mm | | | |
| Protection device output | Suppressor diode | | | |
| General | | | | |
| Housing material | PPE | | | |
| IP rating | IP 20 | | | |
| Field installation | rail TS 35 (EN 50022) | | | |
| Insulation voltage input/output | 4 kVeff | | | |
| Safe isolation | yes | | | |
| Operation temperature range | -25 °C – 60 °C | | | |
| Storage temperature range | -40 °C – 80 °C | | | |
| Dimensions (w × h × d) | 6.2 × 84.0 × 80.0 mm | | | |
| Weight (kg/piece) | 0.030 | | | |
| Approvals | – | | | |
| Termination | Screw-/spring terminal 0.25–2.5 mm ² | | | |
| Accessories | Colour | Article number | Type | Pkg. units |
| Jumper comb 24pole, 26A | blue | 760801 | BK 6-0801 | 5 |
| Tag holder 4×11 mm | white | 681313 | BZT 0411 | 100 |
| Labels for laser printer A4 unpunched | | 681031 | LEB-A4 | 1 |
| Labels for laser printer 4.23 x 11 mm (Sheet with 1056 labels) | | 681034 | LEB-0411 | 1 |