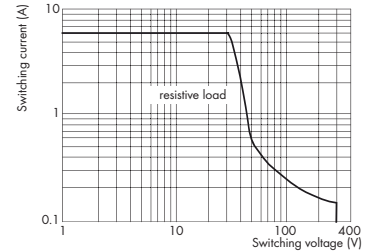
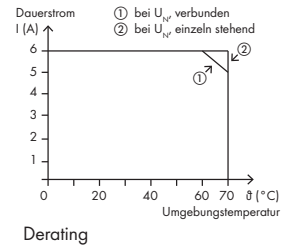
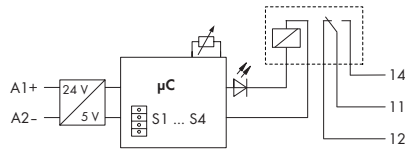


| | | |
|--|---|--|
| | Multifunction time relay with 1 changeover contact (1u) 4 time ranges, 4 functions Temperature range: -25 °C ... +70 °C For railway applications | |
|--|---|--|

- 4 functions:
 - On-delay
 - Single-shot leading edge
 - On-delay and single-shot leading edge (1 s fixed)
 - Blinking
- Function and time range adjustable via DIP switch



DC load limit curve



Derating

| Description | V _N | I _N | Item No. | Pack. Unit |
|--|----------------|----------------|----------|------------|
| Multifunction time relay, for DIN-rail | 24 VDC | 17.5 mA | 857-604 | 1 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Accessories see page 33

| Technical Data | |
|---|---|
| Coil: | |
| Input voltage range | V _N -30 % ... +30 % |
| Power consumption at V _N | 17.5 mA (active) / 2.3 mA (passive) |
| Contacts: | |
| Contact material | AgNi |
| Max. continuous current | 6 A |
| Max. switching voltage | 250 VAC |
| Max. switching power (resistive) | 1500 VA AC, DC see load curve |
| Recommended minimum load | 10 VDC / 10 mA, 24 VDC / 1 mA |
| Pull-in/drop-out/bounce time typ. | 8ms / 4ms / - |
| Mechanical life | 5 x 10 ⁶ switching operations |
| General specifications: | |
| Time range | adjustable: 0.1 ... 10 s; 3 ... 300 s; 0.3 ... 30 min; 3 ... 300 min |
| Reset time | 50 ms |
| Repeat accuracy | ±1 % |
| Nominal voltage to EN 60664-1 | 250 V / 2.5 kV / 2 |
| Dielectric strength, contact-coil (AC, 1 min) | 2.5 kV _{rms} |
| Dielectric strength open contact (AC, 1 min) | 1 kV _{rms} |
| Ambient operating temperature | -25 °C ... +70 °C |
| Storage temperature | -40 °C ... +70 °C |
| Dimensions (mm) W x H x L | 6 x 81 x 94 |
| Wire connection | Height from upper-edge of DIN-rail Push-in CAGE CLAMP® |
| Cross sections | 0.34 ... 2.5 mm ² / 22 ... 14 AWG |
| Strip lengths | 9 ... 10 mm / 0.35 ... 0.39 in. |
| Standards/specifications | EN 60664-1; EN 61812-1; EN 61373; EN50121-3-2 |
| Approvals | CE |