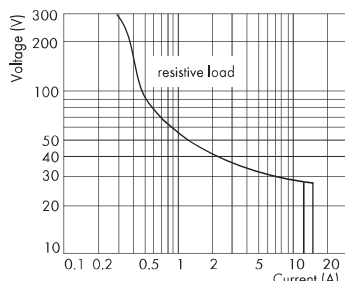


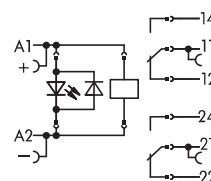
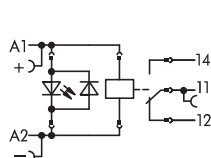
Relay with 1 changeover contact and status indication
 (Relay height: 15 mm)
 Nominal input voltage V_N
 12 V, 24 V, 48 V, 60 V, 110 V DC

Relay with 2 changeover contact and status indication
 (Relay height: 15 mm)
 Nominal input voltage V_N
 12 V, 24 V, 48 V, 60 V, 110 V DC



Load limit curve for 788-303 to 788-307, 788-506, 788-507 and 788-508

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



| Description | V_N | I_N | Item No. | Pack. Unit | V_N | I_N | Item No. | Pack. Unit |
|--|----------|---------|----------|------------|----------|---------|----------|------------|
| Relay socket with miniature switching relay, for DIN 35 rail | 12 V DC | 36 mA | 788-303 | 1 | 12 V DC | 36 mA | 788-311 | 1 |
| | 24 V DC | 19.1 mA | 788-304 | 1 | 24 V DC | 19.1 mA | 788-312 | 1 |
| | 48 V DC | 11 mA | 788-305 | 1 | 48 V DC | 11 mA | 788-313 | 1 |
| | 60 V DC | 10.5 mA | 788-306 | 1 | 60 V DC | 10.5 mA | 788-314 | 1 |
| | 110 V DC | 6 mA | 788-307 | 1 | 110 V DC | 6 mA | 788-315 | 1 |

Technical Data

Accessories see pages 50 ... 55

Accessories see pages 50 ... 55

| Coil: | $V_N \pm 10\%$ | |
|---|--|--|
| Input voltage range | $V_N \pm 10\%$ | |
| Contacts: | | |
| Contact material | AgNi 90/10 | |
| Max. continuous current | 16 A | |
| Max. make current | 4 s 30 A (AC) | |
| Max. switching voltage | 250 V AC | |
| Max. switching power (resistive) | 4 kVA AC, DC see load limit curve | |
| Recommended minimum load | 12 VDC / 10 mA | |
| Pull-in/drop-out/bounce time typ. | 8ms / 6ms / 6 ms | |
| Mechanical life | 30 x 10 ⁶ switching operations | |
| General specifications: | | |
| Nominal voltage to EN 60664-1 | 250 V / 4 kV / 3 | |
| Dielectric strength, contact-coil (AC, 1 min) | 5 kV _{rms} | |
| Dielectric strength open contact (AC, 1 min) | 1 kV _{rms} | |
| Dielectric strength contact-contact (AC, 1 min) | - | |
| Ambient operating temperature at V_N | -25 °C ... +50 °C | |
| Storage temperature | -40 °C ... +70 °C | |
| Dimensions (mm) W x H x L | 15 x 54 x 86 | |
| Wire connection | Height from upper-edge of DIN 35 rail CAGE CLAMP® S | |
| Cross sections | 0.34 mm ² ... 2.5 mm ² / AWG 22 ... 12 | |
| Strip length | 9 ... 10 mm / 0.35 ... 0.39 in | |
| Standards/specifications | EN 60664-1; EN 61810-5; EN 61810-1; UL 508 (788-307: UL 508, max. 40 °C/10 A) | |