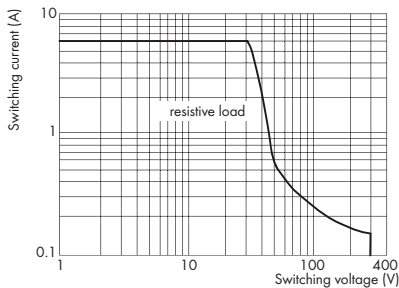


|  |  |  |
|--|--|--|
|  | <b>Pluggable miniature switching relays<br/>1 changeover contact</b> | <b>Pluggable miniature switching relays<br/>1 changeover contact<br/>(gold contacts)</b> |
|--|--|--|

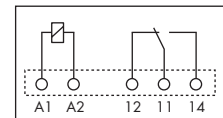
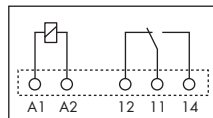


DC load limit curve



\* In order to prevent the gold layer from being damaged, 30 VDC switching voltages and 50 mA currents shall not be exceeded.

Higher switching power leads to evaporation of the gold layer. The resulting deposits in the enclosure may cause sparkovers between the coil and the contact.



| Description  | V <sub>N</sub> | Item No.       | Pack. Unit | V <sub>N</sub> | Item No.       | Pack. Unit |
|--|----------------|----------------|------------|----------------|----------------|------------|
| <b>Pluggable miniature switching relays</b>  | 12 V DC        | <b>857-150</b> | 20         |                |                |            |
|  | 24 V DC        | <b>857-152</b> | 20         | 24 V DC        | <b>857-153</b> | 20         |
|  | 48 V DC        | <b>857-154</b> | 20         |                |                |            |
|  | 60 V DC        | <b>857-155</b> | 20         | 60 V DC        | <b>857-157</b> | 20         |
| The 60 V DC replacement relays must be used with 60 V DC, 110 V DC, 220 V DC and 115 V AC/DC, 230 V AC/DC relay modules. |                |                |            |                |                |            |

**Technical Data**

| Contacts:                                       | AgNi                                     | AgNi + Au                                |
|---|--|--|
| Contact material                                | AgNi                                     | AgNi + Au                                |
| Max. continuous current                         | 6 A                                      | 6 A *                                    |
| Max. switching voltage                          | 250 VAC                                  | 250 VAC *                                |
| Max. switching power (resistive)                | 1500 VA AC; DC see load limit curve      | 1500 VA AC; DC see load limit curve *    |
| Recommended minimum load                        | 10 VDC / 10 mA, 24 VDC / 1 mA            | 1 VDC / 1 mA / 1 mW                      |
| Pull-in/drop-out/bounce time typ.               | 8ms / 4ms / -                            | 8ms / 4ms / -                            |
| Mechanical life                                 | 5 x 10 <sup>6</sup> switching operations | 5 x 10 <sup>6</sup> switching operations |
| <b>General specifications:</b>                  |  |  |
| Dielectric strength, contact-coil (AC, 1 min)   | 4 kV <sub>rms</sub>                      | 4 kV <sub>rms</sub>                      |
| Dielectric strength open contact (AC, 1 min)    | 1 kV <sub>rms</sub>                      | 1 kV <sub>rms</sub>                      |
| Dielectric strength contact-contact (AC, 1 min) | -  | -  |
| Ambient operating temperature at V <sub>N</sub> | -40 °C ... +85 °C                        | -40 °C ... +85 °C                        |
| Storage temperature                             | -40 °C ... +85 °C                        | -40 °C ... +85 °C                        |
| Relative humidity                               | 5 % ... 85 %                             | 5 % ... 85 %                             |
| Dimensions (mm) W x H x L                       | 5 x 15 x 28                              | 5 x 15 x 28                              |