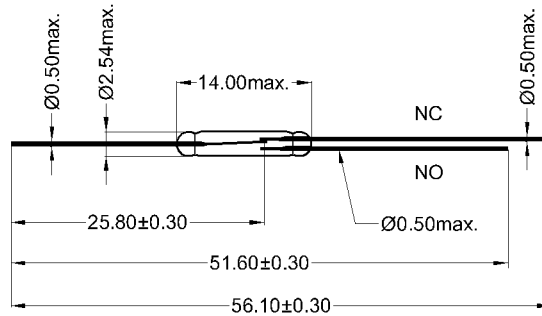


RL11108



| Magnetical properties                | Conditions   | Min    | Typ | Max | Unit |
|--------------------------------------|--|--------|-----|-----|------|
| Pull-In excitation (Reference value) | Reed switch unmodified<br>measured in coil- "define operation" | 15     |     | 30  | AT   |
| Test-Coil                            | Reed switch unmodified   | KMS-01 |     |     |      |

| Contact data 90            | Conditions   | Min     | Typ | Max | Unit |
|----------------------------|--|---------|-----|-----|------|
| Contact-No.                |  | 90      |     |     |      |
| Contact-form               |  | Form C  |     |     |      |
| Contact-material           |  | Rhodium |     |     |      |
| Contact rating             | Any DC combination of V & A<br>dependent to AT-value |         |     | 20  | W    |
| Switching voltage          | DC or Peak AC  |         |     | 175 | V    |
| Switching current          | DC or Peak AC<br>dependent to AT-value               |         |     | 0,5 | A    |
| Carry current              | DC or Peak AC<br>dependent to AT-value               |         |     | 1   | A    |
| Contact resistance static  | Measured with 40% overdrive<br>Start Value           |         |     | 150 | mOhm |
| Insulation resistance      | RH <45 %, 100 V test voltage                         | 1       |     |     | GOhm |
| Breakdown voltage          | according to IEC 255-5                               | 200     |     |     | VDC  |
| Operate time, incl. bounce | measured with 40% overdrive                          |         |     | 0,7 | ms   |
| Release time               | measured with no coil excitation                     |         |     | 1,5 | ms   |
| Capacity                   | @ 10 kHz   |         | 1   |     | pF   |

| Environmental data    | Conditions                  | Min | Typ | Max | Unit |
|-----------------------|-----------------------------|-----|-----|-----|------|
| Shock                 | 1/2 sine wave duration 11ms |     |     | 50  | g    |
| Vibration             | from 10 - 2000 Hz           |     |     | 20  | g    |
| Ambient temperature   |                             | -20 |     | 130 | °C   |
| Storage temperature   |                             | -55 |     | 130 | °C   |
| Soldering temperature | max. 5 sec                  |     |     | 260 | °C   |