



tolerances according to DIN ISO 2768 m

| Magnetic properties | Conditions | Min | Typ | Max | Unit |
|--------------------------------------|---|--------|-----|-----|------|
| Pull-In excitation (Reference value) | Reed switch unmodified measured in coil- "define operation" | 15 | | 20 | AT |
| Test-Coil | Reed switch unmodified | KMS-01 | | | |

| Contact data 90 | Conditions | Min | Typ | Max | Unit |
|----------------------------|---|---------|-----|-----|------|
| Contact-No. | | 90 | | | |
| Contact-form | | C | | | |
| Contact-material | | Rhodium | | | |
| Contact rating | Any DC combination of V & A not to exceed their individual max.'s | | | 10 | W |
| Switching voltage | DC or Peak AC/ with 40% overdrive | | | 175 | V |
| Switching current | DC or Peak AC/with 40% overdrive | | | 0.5 | A |
| Carry current | DC or Peak AC/ with 40% overdrive | | | 1 | A |
| Contact resistance static | Measured with 40% overdrive Start Value | | | 150 | mOhm |
| Contact resistance dynamic | Maximum value 1,5 ms after excitation Start Value | | | 250 | mOhm |
| Insulation resistance | RH <45 %, 100 V test voltage | 1 | | | GOhm |
| Breakdown voltage | according to EN 60255-5 | 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 across open switch | | 1 | | pF |

| Contact dimensions C | Conditions | Min | Typ | Max | Unit |
|------------------------|--------------------------------|-----|------|-----|------|
| Overall length over NC | Tolerance according to drawing | | 55.1 | | mm |
| Glass body length | Tolerance according to drawing | | 14 | | mm |

| Environmental data | Conditions | Min | Typ | Max | Unit |
|-----------------------|-----------------------------|---------------------------|-----|-----|------|
| Shock | 1/2 sine wave duration 11ms | | | 50 | g |
| Vibration | from 10 - 2000 Hz | | | 20 | g |
| Operating temperature | | -40 | | 130 | °C |
| Storage temperature | | -55 | | 130 | °C |
| Soldering temperature | wave soldering max. 5 sec. | wave soldering max. 5sec. | | | |