



| Magnetical properties                | Conditions  | Min    | Setpoint | Max | Unit |
|--------------------------------------|---|--------|----------|-----|------|
| Pull-In excitation (Reference value) | Reed switch unmodified measured in coil- "define operation" | 43     |          | 55  | AT   |
| Test-Coil                            | Reed switch unmodified                                      | KMS-01 |          |     |      |

| Contact data 52           | Conditions  | Min     | Setpoint | Max | Unit |
|---------------------------|---|---------|----------|-----|------|
| Contact-No.               |   | 52      |          |     |      |
| Contact-form              |   | A       |          |     |      |
| Contact-material          |   | Rhodium |          |     |      |
| Contact rating            | consider any combination of V & A<br>AC RMS 70 VA |         |          | 50  | W    |
| Switching voltage         | DC or Peak AC                                     |         |          | 350 | V    |
| Switching current         | DC or Peak AC                                     |         |          | 0,5 | A    |
| Carry current             | DC or Peak AC                                     |         |          | 2,5 | A    |
| Contact resistance static | Measured with 40% overdrive<br>Start Value        |         |          | 150 | mOhm |
| Insulation resistance     | RH <45 %, 100 V test voltage                      | 10      |          |     | GOhm |
| Breakdown voltage(>35 AT) | according to IEC 255-5                            | 600     |          |     | VDC  |
| Operate time incl. bounce | measured with 40% overdrive                       |         |          | 1,1 | ms   |
| Release time              | measured with no coil excitation                  |         |          | 0,1 | ms   |
| Capacity                  | @ 10 kHz  |         | 0,5      |     | pF   |

| Environmental data    | Conditions                  | Min | Setpoint | 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   |

Verarbeitungshinweise im Datenbuch oder bei [www.meder.com](http://www.meder.com) beachten