



| Magnetical properties                | Conditions  | Min    | Setpoint | Max  | Unit |
|--------------------------------------|---|--------|----------|------|------|
| Pull-In excitation (Reference value) | Reed switch unmodified measured in coil- "define operation" | 12,5   |          | 13,4 | AT   |
| Test-Coil                            | Reed switch unmodified                                      | KMS-01 |          |      |      |

| Contact data 66            | Conditions  | Min     | Setpoint | Max  | Unit |
|----------------------------|---|---------|----------|------|------|
| Contact-No.                |   | 66      |          |      |      |
| Contact-form               |   | A       |          |      |      |
| Contact-material           |   | Rhodium |          |      |      |
| Contact rating             | Any DC combination of V & A not to exceed their individual max.'s |         |          | 10   | W    |
| Switching voltage (<21 AT) | Any DC combination of V & A not to exceed their individual max.'s |         |          | 180  | V    |
| Switching current          | DC or Peak AC   |         |          | 0,5  | A    |
| Carry current              | DC or Peak AC   |         |          | 1,25 | A    |
| Contact resistance static  | Measured with 40% overdrive Start Value                           |         |          | 150  | mOhm |
| Insulation resistance      | RH <45 %, 100 V test voltage                                      | 10      |          |      | GOhm |
| Breakdown voltage (<21 AT) | according to IEC 255-5  | 200     |          |      | VDC  |
| Operate time incl. bounce  | measured with 40% overdrive                                       |         |          | 0,5  | ms   |
| Release time               | measured with no coil excitation                                  |         |          | 0,1  | ms   |
| Capacity                   | @ 10 kHz  |         | 0,2      |      | 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