



| Magnetical properties                | Conditions  | Min    | Setpoint | Max | Unit |
|--------------------------------------|---|--------|----------|-----|------|
| Pull-In excitation (Reference value) | Reed switch unmodified measured in coil- "define operation" | 80     |          | 90  | AT   |
| Test-Coil                            | Reed switch unmodified                                      | KMS-05 |          |     |      |

| Contact data 54           | Conditions   | Min   | Setpoint | Max             | Unit |
|---------------------------|--|-------|----------|-----------------|------|
| Contact-No.               |  |       |          | 54              |      |
| Contact-form              |  |       |          | A               |      |
| Contact-material          |  |       |          | Rh/Cu           |      |
| Switching suitability     |  |       |          | RF applications |      |
| Contact rating            | Any DC combination of V & A not to exceed their individual max.s |       |          | 25              | W    |
| Switching voltage         | DC or Peak AC  |       |          | 500             | V    |
| Switching current         | DC or Peak AC  |       |          | 1,5             | A    |
| Carry current             | DC or Peak AC  |       |          | 5               | A    |
| Contact resistance static | Measured with 40% overdrive Start Value                          |       |          | 150             | mOhm |
| Insulation resistance     | RH <45 % 100 V test voltage                                      | 10    |          |                 | GOhm |
| Breakdown voltage         | according to IEC 255-5   | 5.000 |          |                 | VDC  |
| Operate time incl. bounce | measured with 40% overdrive                                      |       |          | 3               | ms   |
| Release time              | measured with no coil excitation                                 |       |          | 1,5             | ms   |
| Capacity                  | @ 10 kHz   |       | 2,5      |                 | 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