



| Magnetic properties | Conditions | Min | Typ | Max | Unit |
|---------------------------------------|---|------|--------|------|------|
| Pull-In excitation (Reference value) | Reed switch unmodified measured in coil- "define operation" | 10 | | 15 | AT |
| Test-Coil | Reed switch unmodified | | KMS-01 | | |
| Pull-In excitation (modified contact) | Reed switch modified phys. conditioned tolerance of +/- 1 AT | 20 | | 30 | AT |
| Test-Coil | Reed switch modified | | KMS-21 | | |
| Pull-In in milliTesla (modified conta | MS150 - phys. caused tolerance +/- 0,1mT | 1.12 | | 1.65 | mT |

| Contact data 66 | Conditions | Min | Typ | 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) | DC or Peak AC | | | 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 |
| Contact resistance dynamic | Maximum value 1,5 ms after excitation Start Value | | | 200 | mOhm |
| Insulation resistance | RH <45 %, 100 VDC 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 | | | 0.2 | | pF |

| Modified dimensions | Conditions | Min | Typ | Max | Unit |
|---------------------|------------|-----|---------------------------|-----|------|
| Remarks | | | to dimensions see drawing | | |

| 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 | | -40 | | 130 | °C |
| Storage temperature | | -55 | | 130 | °C |
| Soldering temperature | wave soldering max. 5 sec. | | | 260 | °C |

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