



| Magnetic properties | Conditions | Min | Typ | Max | Unit |
|------------------------|--|--------------------|-----|------|------|
| Pull in | at 20°C | 45 | | 72 | AT |
| Test equipment | | KMS-14+PK002+SA002 | | | |
| Pull-In in milliTesla | MS150 - phys. caused tolerance +/- 0,1mT | 2,22 | | 2,85 | mT |
| Drop-Out in milliTesla | MS150 - phys. caused tolerance +/- 0,1mT | 1,74 | | 2,39 | mT |

| Special Product Data | Conditions | Min | Typ | Max | Unit |
|----------------------|---|----------------------------|-----|-----|------|
| Contact - form | | Form C | | | |
| Contact rating | Any DC combination of V & A not to exceed their individual max.'s | | | 10 | W |
| operating voltage | DC or Peak AC | | | 175 | V |
| operating ampere | DC or Peak AC | | | 1 | A |
| Switching current | DC or Peak AC | | | 0,5 | A |
| Sensor-resistance | measured with 40% overdrive Sensor deactivated | | | 290 | mOhm |
| Housing material | | PBT glass fibre reinforced | | | |
| Case color | | white | | | |
| Sealing compound | | Polyurethan | | | |

| Environmental data | Conditions | Min | Typ | Max | Unit |
|-----------------------|-----------------|-----|-----|-----|------|
| Operating temperature | cable not moved | -30 | | 80 | °C |
| Operating temperature | cable moved | -5 | | 80 | °C |
| Storage temperature | | -30 | | 80 | °C |

| Cable specification | Conditions | Min | Typ | Max | Unit |
|---------------------|------------|-------------|-----|-----|------|
| Cable typ | | round cable | | | |
| Cable material | | PVC | | | |
| Cross section | | 0,14 sq-mm | | | |

| General data | Conditions | Min | Typ | Max | Unit |
|-------------------|------------------------------------|--|-----|-----|------|
| Mounting advice | | from 5m cable, a pre-resistor is recommended. | | | |
| Mounting advice | | Decreased switching distances by mounting on iron. | | | |
| Mounting advice | | Magnetically conductive screws must not be used. | | | |
| tightening torque | Screw M3 ISO 1207 Disk ISO 7089 | | | 0,5 | Nm |