



| Coil Data at 20 °C | Conditions | Min | Typ | Max | Unit |
|--------------------|------------|-----|------|------|------|
| Coil resistance | | 360 | 400 | 440 | Ohm |
| Coil voltage | | | 5 | | VDC |
| Rated power | | | 62,5 | | mW |
| Pull-In voltage | | | | 3,75 | VDC |
| Drop-Out voltage | | 0,5 | | | VDC |

| Contact data 80 | Conditions | Min | Typ | Max | Unit |
|----------------------------|---|-----|-----|-----|------|
| Contact-rating | Any DC combination of V & A not to exceed their individual max.'s | | | 10 | W |
| Switching voltage | DC or Peak AC | | | 170 | V |
| Switching current | DC or Peak AC | | | 0,5 | A |
| Carry current | DC or Peak AC | | | 1 | A |
| Contact resistance static | Measured with 40% overdrive Start Value | | | 200 | mOhm |
| Contact resistance dynamic | Maximum value 1,5 ms after excitation Start Value | | | 250 | mOhm |
| Insulation resistance | RH <45 %, 100 V test voltage | 1 | | | TOhm |
| Breakdown voltage | according to EN 60255-5 | 210 | | | VDC |
| Operate time incl. bounce | measured with 40% overdrive | | | 0,2 | ms |
| Release time | measured with no coil excitation | | | 0,1 | ms |
| Capacitance | @ 10 kHz above open switch | | 0,2 | | pF |

| Special Product Data | Conditions | Min | Typ | Max | Unit |
|------------------------------------|------------------------------------|--------------------------|-----|-----|-------|
| Insulation resistance Coil/Contact | RH <45%, 200 VDC measuring voltage | 1 | | | TOhm |
| Dielectric Strength Coil/Contact | according to EN 60255-5 | 1,5 | | | kV DC |
| Housing material | | mineral-filled epoxy | | | |
| Connection pins | | C194 tinned | | | |
| Magnetic Shield | | Internal Magnetic Shield | | | |

| Environmental data | Conditions | Min | Typ | Max | Unit |
|-----------------------|------------------------------------|--------------|-----|-----|------|
| Shock | 1/2 sine, duration 11ms, in 3 axis | | | 50 | g |
| Vibration | from 10 - 2000 Hz | | | 20 | g |
| Operating temperature | | -20 | | 85 | °C |
| Storage temperature | | -35 | | 100 | °C |
| Soldering temperature | wave soldering max. 5 sec. | | | 260 | °C |
| Washability | | fully sealed | | | |