



| Coil Data at 20 °C | Conditions | Min | Typ | Max | Unit |
|--------------------|------------|-----|-----|-----|------|
| Coil resistance | | 252 | 280 | 308 | Ohm |
| Coil voltage | | | 5 | | VDC |
| Rated power | | | 89 | | mW |
| Pull-In voltage | | | | 3,5 | VDC |
| Drop-Out voltage | | 0,5 | | | VDC |

| Contact data 87 | 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 | | | 200 | V |
| Switching current | DC or Peak AC | | | 0,4 | A |
| Carry current | DC or Peak AC | | | 1 | 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 %, 100V - to all points | 1 | | | TOhm |
| Breakdown voltage | according to IEC 255-5 | 230 | | | VDC |
| Operate time incl. bounce | | | | 0,5 | ms |
| Release time | gemessen ohne Spulenerregung | | | 0,1 | ms |
| Capacitance | @ 10 kHz über offenem Kontakt | | 0,2 | | pF |

| Special Product Data | Conditions | Min | Typ | Max | Unit |
|--------------------------------|-----------------|-----|--------------------------|-----|-------|
| Isolation voltage Coil/Contact | gemäß IEC 255-5 | 1,5 | | | kV DC |
| Connection pins | | | FeNi-alloy tin plated | | |
| Magnetic Shielding | | | Internal mu-metal shield | | |
| Remarks | | | | | |

| Environmental data | Conditions | Min | Typ | Max | Unit |
|-----------------------|----------------------------|-----|--------------|-----|------|
| Shock | 1/2 Sinuswelle, Dauer 11ms | | | 50 | g |
| Vibration | von 10 - 2000 Hz | | | 20 | g |
| Operating temperature | | -20 | | 70 | °C |
| Storage temperature | | -20 | | 95 | °C |
| Soldering temperature | Wellenlöten max. 5 Sek. | | | | |
| Washability | | | fully sealed | | |