



| Coil Data at 20 °C | Conditions | Min | Typ | Max | Unit |
|--------------------|------------|-----|-----|-----|------|
| Coil resistance | | 450 | 500 | 550 | Ohm |
| Coil voltage | | | 12 | | VDC |
| Rated power | | | 288 | | mW |
| Pull-In voltage | | | | 8,4 | VDC |
| Drop-Out voltage | | 1,8 | | | VDC |

| Contact Data 85 | Conditions | Min | Typ | Max | Unit |
|----------------------------|---|-----|-----|-------|-------|
| Contact rating | Any DC combination of V & A not to exceed their individual max.'s | | | 100 | W |
| Switching voltage | DC or Peak AC | | | 1.000 | V |
| Switching current | DC or Peak AC | | | 1 | A |
| Pulsed carry current | DC or Peak AC 5ms after coil excitation for 50ms max. | | | 3 | A |
| Carry current | DC or Peak AC 100% Duty Cycle | | | 2,5 | A |
| Contact resistance static | Measured with 40% overdrive | | | 150 | mOhm |
| Insulation resistance | RH <45 %, 100 V test voltage | 10 | | | GOhm |
| Breakdown voltage (>55 AT) | according to IEC 255-5 | 4 | | | kV DC |
| Operate time incl. bounce | measured with 40% overdrive | | | 1,1 | ms |
| Release time | measured with no coil excitation | | | 0,1 | ms |
| Capacitance | @ 10 kHz across open switch | | 0,2 | | pF |

| Special Product Data | Conditions | Min | Typ | Max | Unit |
|----------------------------------|------------------------|-----|-------------------------|-----|-------|
| Dielectric Strength Coil/Contact | according to IEC 255-5 | 4 | | | kV DC |
| Housing material | | | Nylon 6/6 | | |
| Sealing compound | | | Epoxy resin | | |
| Connection pins | | | Copper alloy tin plated | | |

| Environmental data | Conditions | Min | Typ | Max | Unit |
|-----------------------|-----------------------------|-----|--------------|-----|------|
| Shock | 1/2 sine wave duration 11ms | | | 50 | g |
| Vibration | from 10 - 2000 Hz | | | 20 | g |
| Operating temperature | | -20 | | 70 | °C |
| Storage temperature | | -20 | | 90 | °C |
| Soldering temperature | wave soldering max. 5 sec. | | | 260 | °C |
| Washability | | | fully sealed | | |