



| coil data | condition | Min. | Typ. | Max. | unit |
|------------------|--|------|------|------|------|
| coil resistance | at 20°C | 1800 | | 2200 | Ω |
| nominal voltage | | | 15,0 | | VDC |
| pull-in voltage | | | | 10,5 | VDC |
| drop-out voltage | | 2,2 | | | VDC |
| coil voltage | at 20°C | | | 44,0 | VDC |
| coil voltage | at 60°C | | | 28,5 | VDC |
| nominal power | determined with nominal voltage and rated current | | 113 | | mW |

| contact data 72 (Form A/Dry) | | | | |
|------------------------------|---|-----------|------|-----|
| contact material | Ruthenium | | | |
| rated power | each combination of the switching voltage and current must not exceed the given rated power | | 15 | W |
| switching voltage | | | 200 | VDC |
| switching current | | | 1,0 | A |
| carry current | | | 1,25 | A |
| static contact resistance | initial values measured with $1,4 \times AT_{\text{pull-in}}$ | | 150 | mΩ |
| Insulation resistance | RH Ω 45% | 10^{10} | | Ω |
| breakdown voltage | | 250 | | VDC |
| capacitance | without test coil | | 0,3 | pF |

| relay data | | | | |
|------------------------------------|--|-----------|-----|------|
| insulation resistance coil-contact | | 10^{11} | | Ω |
| insulation voltage coil-contact | | 1,5 | | kVDC |
| shock | $\frac{1}{2}$ sine wave, duration 11ms | | 150 | g |
| vibration | 50 – 2000Hz | | 10 | g |
| operate time inclusive bounce | measured at $1,4 \times AT_{\text{pull-in}}$ | | 0,5 | ms |
| release time | | | 0,1 | ms |

| general data | | | | |
|-----------------------|------------|----------------------|-----|----|
| operating temperature | | -20 | 70 | °C |
| storing temperature | | -35 | 95 | °C |
| soldering temperature | 10 sec. at | | 260 | °C |
| cleaning | | fully sealed | | |
| material of case | | mineral-filled epoxy | | |
| material of pins | | Cu-alloy tinned | | |