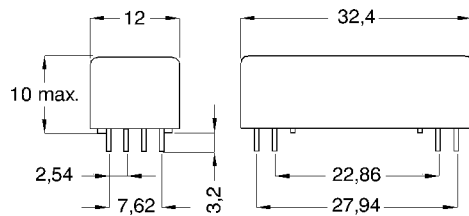
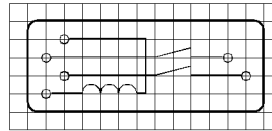


preliminary datasheet
DIMENSIONS (mm)

 Pins: Ø0.65 mm
 L = 3.2±0.3 mm
 Material: Cu-alloy tinned

LAYOUT

pitch 2.54 mm/Top view


MARKING

 MEDER-Label
 Type/Layout
 Production code,
 EN60062/Factory code

| Coil datas at 20 °C | Conditions | Min | Setpoint | Max | Unit |
|---------------------|------------|--------|----------|--------|------|
| Coil resistance | | 10.020 | 10.120 | 10.220 | Ohm |
| Coil voltage | | | 48 | | VDC |
| Rated power | | | 228 | | mW |
| Pull-In voltage | | | | 33,6 | VDC |
| Drop-Out voltage | | 3,3 | | | VDC |

| Contact data 85 | Conditions | Min | Setpoint | Max | Unit |
|------------------------------|---|-------|----------|-------|------|
| Contact-No. | | | | 85 | |
| Contact-form | | | | A | |
| 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 |
| Carry current | DC or Peak AC | | | 2,5 | 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 %, 100 V test voltage | 10 | | | GOhm |
| Breakdown voltage (40-50 AT) | according to IEC 255-5 | 3.000 | | | VDC |
| Operate time incl. bounce | measured with 40% overdrive | | | 1,1 | ms |
| Release time | measured with no coil excitation | | | 0,1 | ms |
| Capacity | @ 10 kHz | | 0,5 | | pF |

| special product data | Conditions | Min | Setpoint | Max | Unit |
|------------------------------------|-----------------------------|-------|----------|--------------|------|
| Insulation resistance Coil/Contact | RH <45%, 500 V test voltage | 1.000 | | | GOhm |
| Insulation voltage Coil/Contact | according to IEC 255-5 | 2 | | | KVAC |
| Housing material | | | | Polycarbonat | |
| Sealing compound | | | | Polyurethan | |

| Environmental data | Conditions | Min | Setpoint | Max | Unit |
|-----------------------|------------|-----|----------|--------------|------|
| Ambient temperature | | -20 | | 70 | °C |
| Storage temperature | | -40 | | 105 | °C |
| Soldering temperature | max. 5 sec | | | 260 | °C |
| Washability | | | | fully sealed | |