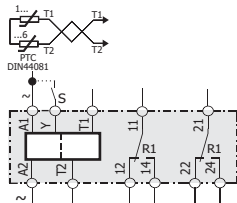
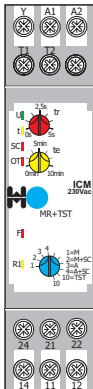
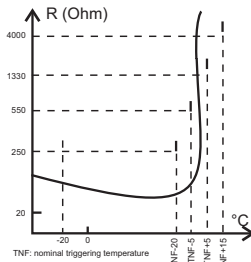
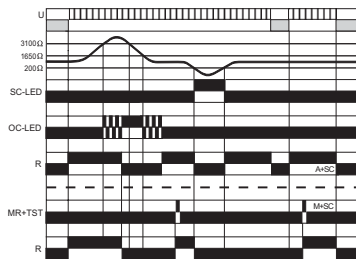




Function

- Control relay active
- Control relay passive
- Contact closed
- Contact open



ICM

overview

- ◆ thermistor motor protection relay
- ◆ 5 selectable functions
- ◆ up to 6 PTC-sensors in series
- ◆ switchable test function (without sensor connected)
- ◆ probe short and/or open circuit detection
- ◆ automatical, manual or external reset selectable
- ◆ Alarm memory function
- ◆ DPCO output relay
- ◆ LED indicators for power supply, over temperature, short circuit, alarm, output relay status, start and reaction timer
- ◆ 22.5mm DIN rail mount housing

specification

| | |
|-----------------------------------|---------------------------------|
| supply voltage variation | nominal voltage -20%..+10% |
| frequency range | 48 - 63 Hz |
| duty cycle | 100% |
| repeat accuracy | < 1% |
| output relay specification | max. 6A 230V~ |
| Ue/Ie AC-15 | 24V/1,5A 115V/1,5A 230V/1,5A |
| Ue/Ie DC-13 | 24V/1A |
| expected life time | DPCO |
| mechanical | 10 x 10 ⁶ operations |
| electrical | 8 x 10 ⁴ operations |
| screws | pozidrive 1 |
| screw tightening torque | 0,6...0,8Nm |
| operating conditions | -20 °C .. +60 °C non condensing |

* EN 60947-5-1 VDE 0435

ordering information

| part no | supply | output | sup. galv. iso* | UL 165 | housing types |
|-------------------|----------------|--------|-----------------|--------|---------------|
| ICM 400Vac | 400V~ 2,5VA/1W | DPCO | yes | - | L |
| ICM 230Vac | 230V~ 2,5VA/1W | DPCO | yes | - | L |
| ICM 115Vac | 115V~ 2,5VA/1W | DPCO | yes | - | L |
| ICM 24Vac | 24V~ 2,5VA/1W | DPCO | yes | - | L |

* The measurement input is galvanically isolated from the power supply