



Auxiliary supply

| | | |
|-------------------------|----|----------------|
| Supply voltage Type | | Multi voltage |
| Rated voltage Us | | 24...240VAC/DC |
| Operating voltage range | | 0.85...1.1 Us |
| Rated frequency | Hz | 50/60 |
| Power consumption Max | VA | 3 |
| Power dissipation Max | W | 1.2 |

Output characteristics

| | | |
|----------------------------------|-----|---|
| Number of connectable electrodes | Nr. | 3 |
| Type of electrode | | Electrode and electrode holders: SN1 / SCM / CGL / PS31 / PS3S or similar |
| Electrode voltage | | 10 Vpp |
| Sensitivity | kΩ | 2.5...100 adjustable |

Time delay

| | | |
|----------------|---|----|
| Tripping time | s | ≤1 |
| Resetting time | s | ≤1 |

Relay outputs

| | | |
|--|--------|--|
| Number of relays | Nr. | 1 |
| Relay state | | Normally de-energised, energises at tripping |
| Contact arrangement | | 1 changeover contact C/O-SPDT |
| Rated operational voltage AC (IEC) | VAC | 250 |
| Maximum switching voltage | VAC | 400 |
| IEC Conventional free air thermal current Ith ≤ 40°C | A | 8 |
| UL/CSA and IEC/EN 60947-5-1 designation | | B300 |
| Electrical life (with rated load) | cycles | 10 ⁵ |
| Mechanical life | cycles | 30x10 ⁶ |

Indications

| | | |
|------------|--|---|
| Indication | | 1 green LED for power on 1 red LED for relay state |
|------------|--|---|

Connections

| | | |
|---------------------------------|-----|--------|
| Terminals type | | Screw |
| Tightening torque for terminals | max | Nm 0.8 |
| | max | Ibin 7 |

Conductor cross section

AWG/Kcmil

min AWG 24
Max AWG 12

IEC

min mm² 0.2
Max mm² 4

Insulations

| | | |
|--|-----|------|
| Rated insulation voltage Ui | V | 240 |
| Rated impulse withstand voltage Uimp | kV | 4 |
| Operating frequency withstand voltage | kV | 2 |
| Double insulation Supply / relay / electrode | VAC | ≤250 |

Ambient conditions

Temperature

Operating temperature

min °C -20
max °C +60

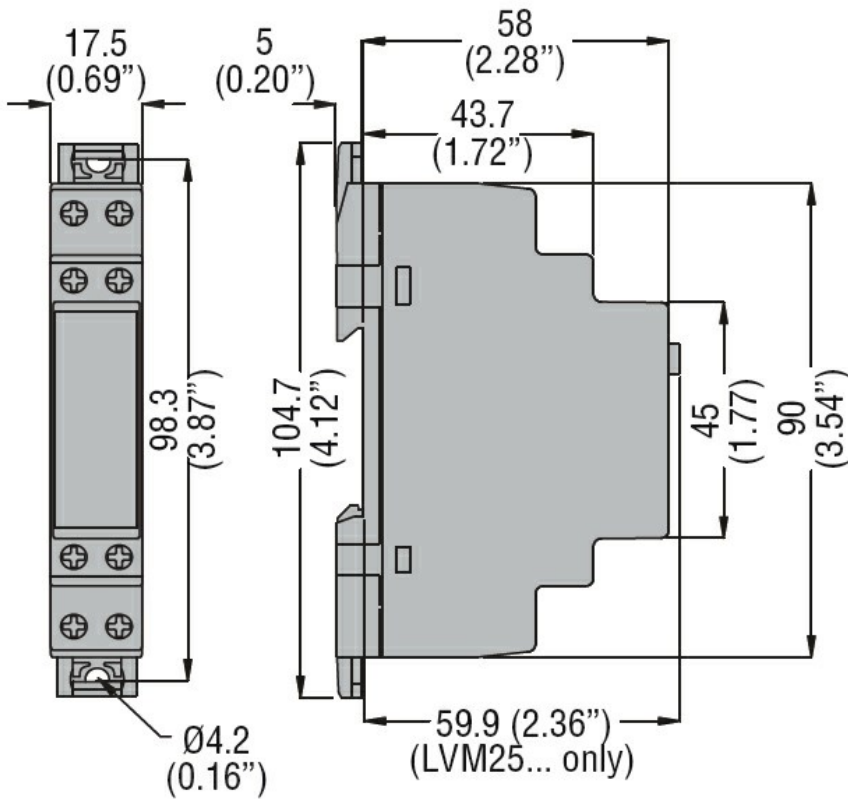
Storage temperature

min °C -30
max °C +80

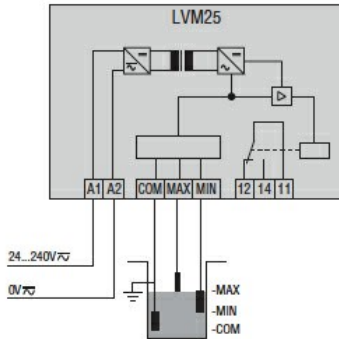
Housing

| | | |
|--------------------------|---|---------------------|
| Execution | Modular DIN rail mounting | |
| N° of modules | 1 | |
| Material | Self-extinguishing polyamide | |
| Mounting | 35mm DIN rail (IEC/EN 60715) or by screws using extractable clips | |
| IEC degree of protection | IP40 on front / IP20 on terminals | |
| Dimensions (W x H x D) | mm | 17.5 x 104.7 x 64.9 |
| Weight | g | 192 |

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN 60255-5

IEC/EN 61000-6-2

IEC/EN 61000-6-3

UL508

Certificates

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ETIM classification

ETIM 8.0

EC001447 - (Fill)
level monitoring
relay