



#### Auxiliary supply

|                                      |                  |     |       |
|--------------------------------------|------------------|-----|-------|
| Supply voltage Type                  | Single voltage   |     |       |
| Rated auxiliary supply voltage $U_s$ | AC               |     |       |
|                                      | min              | VAC | 110   |
|                                      | Max              | VAC | 120   |
| Operating voltage range              | 0.85...1.1 $U_s$ |     |       |
| Rated frequency                      |                  | Hz  | 50/60 |
| Power consumption Max                |                  | VA  | 5.5   |
| Power dissipation Max                |                  | W   | 2.8   |

#### Output characteristics

|                                  |                                                                           |             |
|----------------------------------|---------------------------------------------------------------------------|-------------|
| Number of connectable electrodes | Nr.                                                                       | 3           |
| Type of electrode                | Electrode and electrode holders: SN1 / SCM / CGL / PS31 / PS3S or similar |             |
| Electrode voltage                | 9VAC (voltage between probes)                                             |             |
| Sensitivity                      | k $\Omega$                                                                | 7...8 fixed |

#### Time delay

|                |   |             |
|----------------|---|-------------|
| Tripping time  | s | $\leq 0.05$ |
| Resetting time | s | $\leq 0.1$  |

#### 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                                          | 220               |
| Maximum switching voltage                                                | VAC                                          | 380               |
| IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$ | A                                            | 5                 |
| UL/CSA and IEC/EN 60947-5-1 designation                                  | B300                                         |                   |
| Electrical life (with rated load)                                        | cycles                                       | $2.5 \times 10^5$ |
| Mechanical life                                                          | cycles                                       | $50 \times 10^6$  |

#### Indications

|            |                           |
|------------|---------------------------|
| Indication | 1 red LED for relay state |
|------------|---------------------------|

#### Connections

|                |         |
|----------------|---------|
| Terminals type | plug-in |
|----------------|---------|

#### Insulations

|                                |   |     |
|--------------------------------|---|-----|
| Rated insulation voltage $U_i$ | V | 415 |
|--------------------------------|---|-----|

|                                       |    |   |
|---------------------------------------|----|---|
| Rated impulse withstand voltage Uimp  | kV | 5 |
| Operating frequency withstand voltage | kV | 2 |

#### Ambient conditions

##### Temperature

##### Operating temperature

|     |    |     |
|-----|----|-----|
| min | °C | -20 |
| max | °C | +60 |

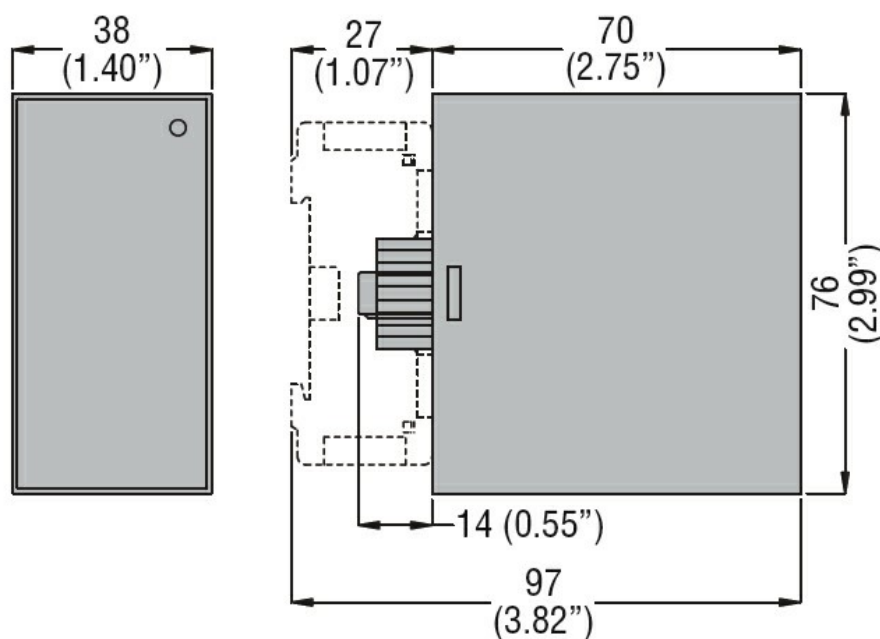
##### Storage temperature

|     |    |     |
|-----|----|-----|
| min | °C | -30 |
| max | °C | +80 |

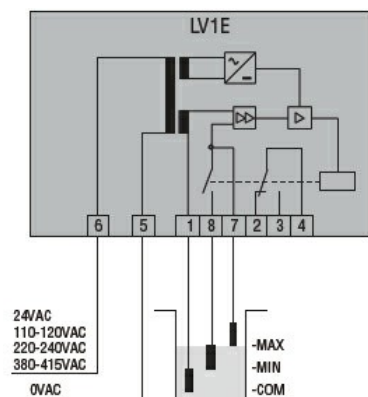
#### Housing

|                          |                                                       |
|--------------------------|-------------------------------------------------------|
| Execution                | 8-pin plug-in housing (socket S8)                     |
| Material                 | Self-extinguishing polycarbonate                      |
| Mounting                 | 35mm DIN rail (IEC/EN 60715) or 8-pin plug-in housing |
| IEC degree of protection | IP30                                                  |
| Dimensions (W x H x D)   | mm 38 x 76 x 70                                       |
| Weight                   | g 263                                                 |

#### Dimensions



#### Wiring diagrams



## Certifications and compliance

### Compliance

IEC/EN 60255-5

### Certificates

EAC

## ETIM classification

ETIM 8.0

EC001447 - (Fill)  
level monitoring  
relay