



### Auxiliary supply

Supply voltage Type	Single voltage		
Rated auxiliary supply voltage Us	AC		
	min	VAC	110
	Max	VAC	120
Operating voltage range	0.85...1.1 Us		
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	kΩ	7...8 fixed	

### Time delay

Tripping time	s	≤0.05
Resetting time	s	≤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 <sub>th</sub> ≤ 40°C	A	5	
UL/CSA and IEC/EN 60947-5-1 designation	B300		
Electrical life (with rated load)	cycles	2.5 x 10 <sup>5</sup>	
Mechanical life	cycles	50x10 <sup>6</sup>	

### Indications

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

### Connections

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

### Insulations

Rated insulation voltage U <sub>i</sub>	V	415	
---	---	-----	--

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

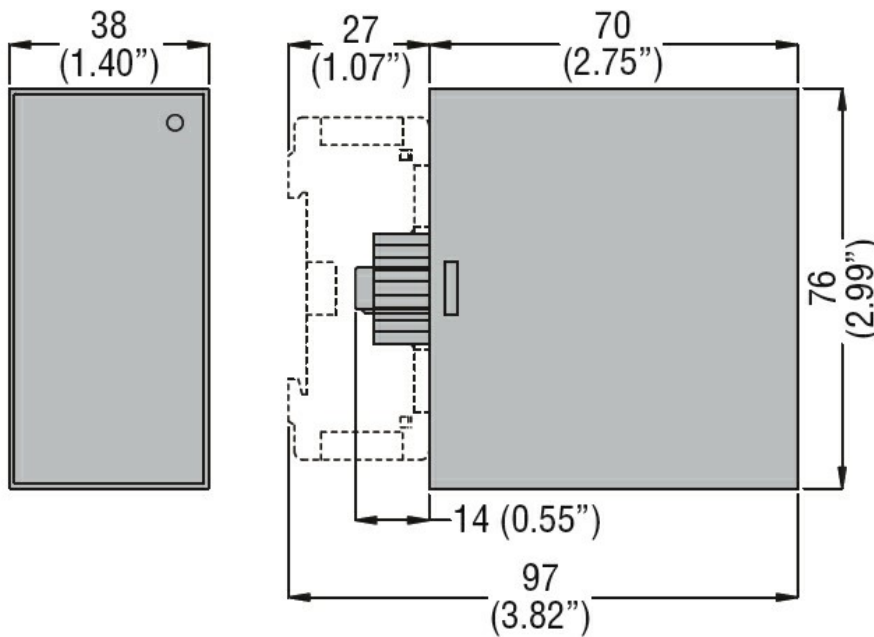
**Ambient conditions**

Temperature			
Operating temperature			
	min	°C	-20
	max	°C	+60
Storage temperature			
	min	°C	-30
	max	°C	+80

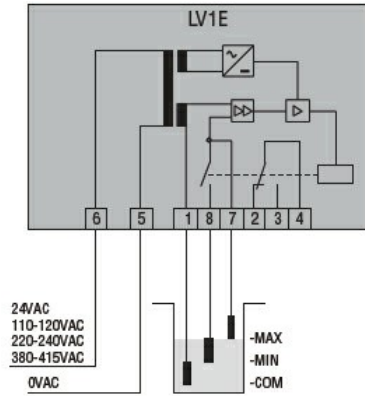
**Housing**

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