



Auxiliary supply

Supply voltage Type	Single voltage		
Rated auxiliary supply voltage U_s	AC		
	min	VAC	220
	Max	VAC	240
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 Ω	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 $I_{th} \leq 40^\circ\text{C}$	A	5
UL/CSA and IEC/EN 60947-5-1 designation	B300	
Electrical life (with rated load)	cycles	2.5×10^5
Mechanical life	cycles	50×10^6

Indications

Indication	1 red LED for relay state
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Connections

Terminals type	plug-in
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Insulations

Rated insulation voltage U_i	V	415
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Rated impulse withstand voltage Uimp	kV	5
Operating frequency withstand voltage	kV	2

Ambient conditions

Temperature

Operating temperature

min	°C	-20
max	°C	+60

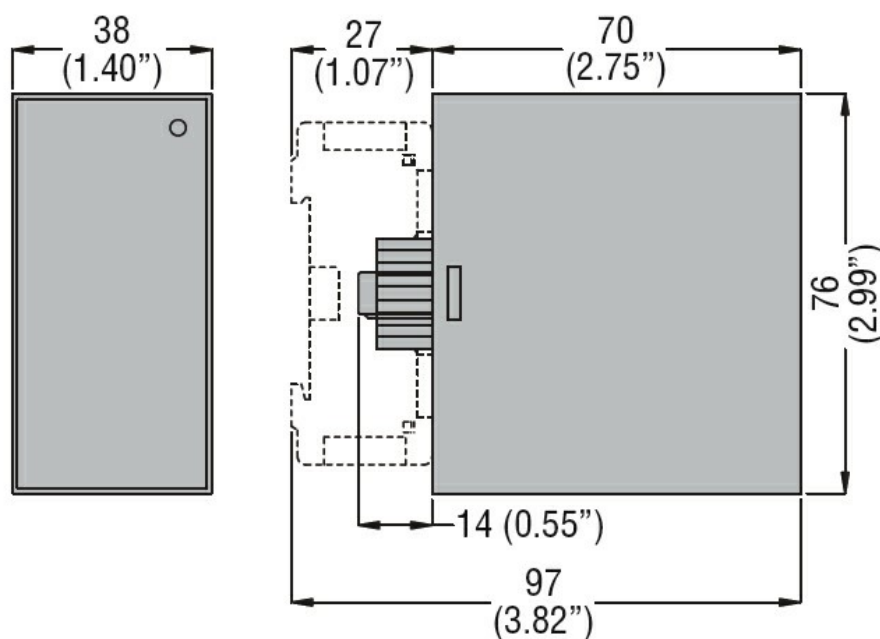
Storage temperature

min	°C	-30
max	°C	+80

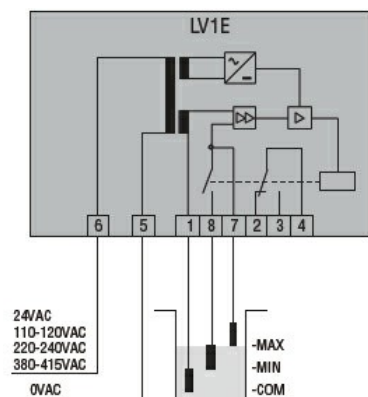
Housing

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