



Level control relay for emptying function. Dual voltage. Plug-in version
LV2E
Emptying

Product designation

Product type designation

Function

Auxiliary supply

Supply voltage Type		Dual voltage
Rated voltage Us		110... 120VAC/220... 240VAC
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

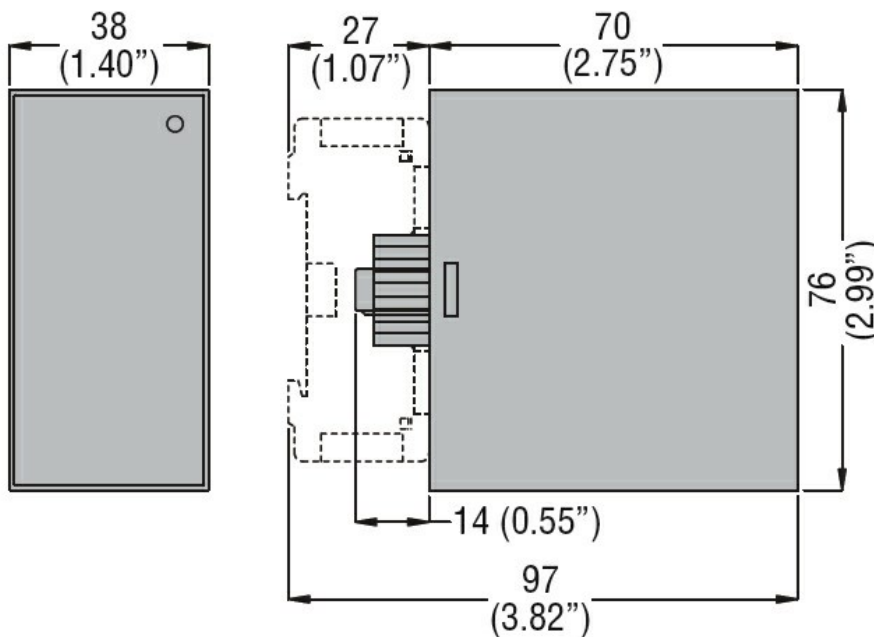
Tripping time	s	≤0.05
Resetting time	s	≤0.1

Relay outputs

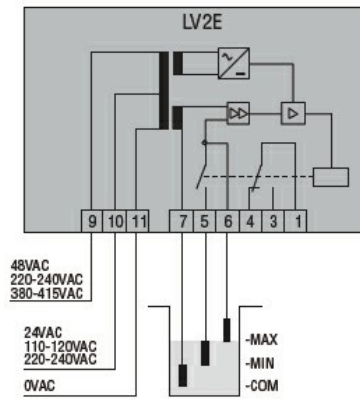
Number of relays	Nr.	1
Relay state		Normally de-energised, energises at tripping
Contact arrangement		1 changeover contact C/O-SPDT
Rated operational voltage AC (IEC)	VAC	220
Maximum switching voltage	VAC	380
IEC Conventional free air thermal current Ith	A	5
UL/CSA and IEC/EN 60947-5-1 designation		B300
Electrical life (with rated load)	cycles	2.5 x 10 ⁵
Mechanical life	cycles	50x10 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 U_{imp}	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	11-pin plug-in housing (socket S11)		
Material	Self-extinguishing polycarbonate		
Mounting	35mm DIN rail (IEC/EN 60715) or 11-pin plug-in housing		
IEC degree of protection	IP30		
Dimensions (W x H x D)	mm	38 x 76 x 70	
Weight	g	266	
Dimensions			



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60255-5

Certificates

EAC

ETIM classification

ETIM 8.0

EC001447 - (Fill)
level monitoring
relay