



Product designation Product type designation Function		Level control relay for emptying function. Dual voltage. Plug-in version LV2E Emptying
Auxiliary supply		Dual valtage
Supply voltage Type		Dual voltage 110
Rated voltage Us		120VAC/220 240VAC
Operating voltage range		0.851.1 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	78 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 10⁵
Mechanical life	cycles	50x10 <sup>6</sup>
Indications	- ,	00010

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

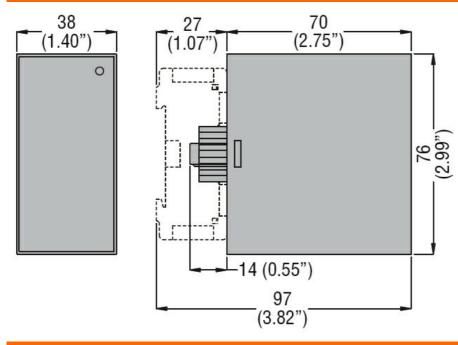


## 31LV2E220 LEVEL MONITORING RELAY, PLUG-IN VERSION, DUAL-VOLTAGE. AUTOMATIC RESETTING,

ENERGY AND AUTOMATION

110...120VAC/220...240VAC

Indication				1 red LED for relay state
Connections				
Terminals type				plug-in
Insulations				
Rated insulation volt			V	415
Rated impulse withs	stand 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				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 prote	ection			IP30
Dimensions (W x H	x D)		mm	38 x 76 x 70
Weight			g	266
Dimensions				



## Wiring diagrams

31LV2E220



