



Product designation	Level control relay LVM25240 with 2 x SN1 electrodes kit
Product type designation	LVM25
Function	Emptying or filling
Auxiliary supply	
Supply voltage Type	Multi voltage
Rated voltage Us	24240VAC/DC
Operating voltage range	0.851.1 Us
Rated frequency Hz	50/60
Power consumption Max VA	3
Power dissipation Max W	1.2
Output characteristics	
Number of connectable electrodes Nr.	3
Type of electrode	Electrode and electrode holders: SN1 / SCM / CGL / PS31 / PS3S or similar
Electrode voltage	10 Vpp
Sensitivity kΩ	2.5100 adjustable
Time delay	
Tripping time s	≤1
Resetting time s	≤1
Relay outputs	
Number of relays Nr.	1
Relay state	Normally de- energised, energises at tripping 1 changeover
Contact arrangement	contact C/O- SPDT
Rated operational voltage AC (IEC) VAC	250
Maximum switching voltage VAC	400
IEC Conventional free air thermal current Ith A	8
UL/CSA and IEC/EN 60947-5-1 designation	B300
Electrical life (with rated load) cycle	
Mechanical life cycle	
Indications	
Indication	1 green LED for power on 1 red LED for relay

state

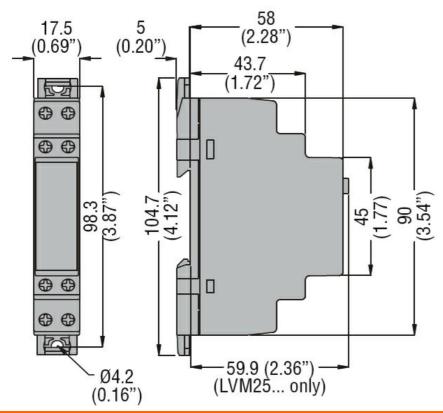


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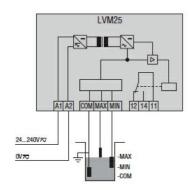
Connections			
Terminals type			Screw
Tightening torque for terminals			_
	max	Nm	0.8
	max	lbin	7
Conductor cross section			
AWG/Kcmil			
	min	AWG	24
	Max	AWG	12
IEC			
	min	mm²	0.2
	Max	mm²	4
Insulations			
Rated insulation voltage Ui		V	240
Rated impulse withstand voltage Uimp		kV	4
Operating frequency withstand voltage		kV	2
Double insulation Supply / relay / electrode		VAC	≤250
Ambient conditions			
Temperature			
Operating temperature		° C	00
	min	°C	-20
Ctorogo tomporoturo	max		+60
Storage temperature	min	°C	-30
	max	°C	+80
Housing	Шах	U	+00
			Modular DIN rail
Execution			mounting
N° of modules			1
Matarial			Self-extinguishing
Material			polyamide
			35mm DIN rail
			(IEC/EN 60715)
Mounting			or by screws
			using extractable
			clips
IEC degree of protection			IP40 on front / IP20 on terminals
			17.5 x 104.7 x
Dimensions (W x H x D)		mm	64.9
Weight		g	192
Dimensions		9	. 02



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Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN 60255-5

IEC/EN 61000-6-2

IEC/EN 61000-6-3

UL508

Certificates

ETIM classification

ETIM 8.0

EC001447 - (Fill) level monitoring relay