



Product designation Product type designation Function		Level control relay LVM25240 with 2 x SN1 electrodes kit LVM25 Emptying or filling
Auxiliary supply		
Supply voltage Type		Multi voltage 24240VAC/DC
Rated voltage Us Operating voltage range		0.851.1 Us
	⊔,	50/60
	Hz VA	3
	W	1.2
Output characteristics	Nie	2
Number of connectable electrodes	Nr.	3 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
Contact arrangement		1 changeover contact C/O- SPDT
Rated operational voltage AC (IEC) V	/AC	250
Maximum switching voltage V	/AC	400
IEC Conventional free air thermal current Ith	Α	8
UL/CSA and IEC/EN 60947-5-1 designation		B300
Electrical life (with rated load) cy	cles	10⁵
Mechanical life cy	cles	30x10 ⁶
Indications		
Indication		1 green LED for power on 1 red LED for relay state

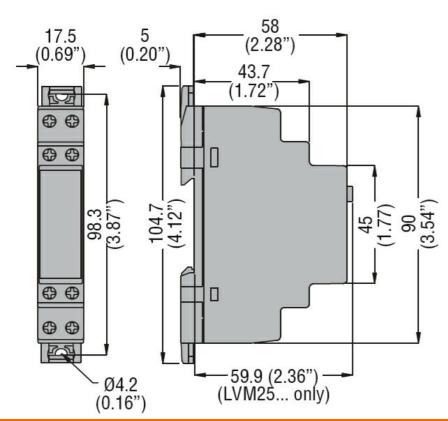


LVMKIT25

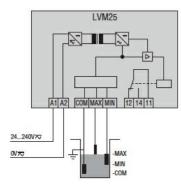
ENERGY AND AUTOMATION

Connections			
Terminals type			Screw
Tightening torque for terminals			
	max	Nm	0.8
	max	Ibin	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			
	min	°C	-20
	max	°C	+60
Storage temperature			
	min	°C	-30
	max	°C	+80
Housing			
Execution			Modular DIN rail
			mounting
N° of modules			1
Material			Self-extinguishing polyamide
			35mm DIN rail (IEC/EN 60715)
Mounting			or by screws using extractable clips
IEC degree of protection			IP40 on front / IP20 on terminals
Dimensions (W x H x D)		mm	17.5 x 104.7 x 64.9
Weight		g	192
Dimensions			





Wiring diagrams



Certifications and compliance

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Com	pliance

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