LVMKIT25

LEVEL CONTROL STARTER KIT COMPLETE WITH LVM25240 RELAY AND TWO SN1 ELECTRODES



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		24…240VAC/DC
Operating voltage range		0.85...1.1 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	2.5...100 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)	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)	cycles	10^5
Mechanical life	cycles	$30x10^6$
Indications		
Indication		1 green LED for power on 1 red LED for relay state

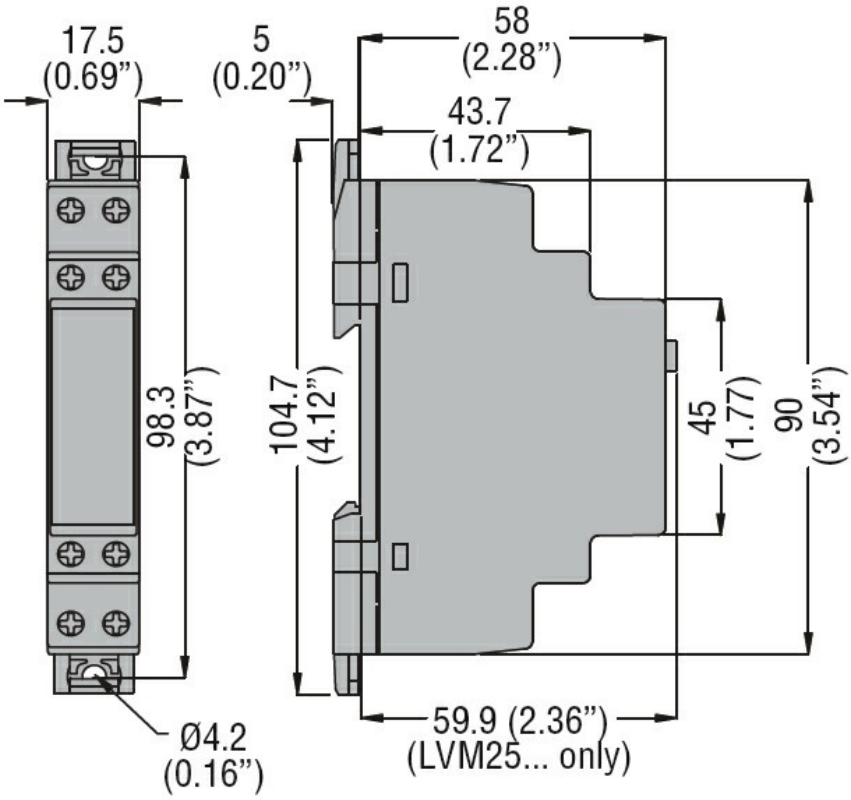
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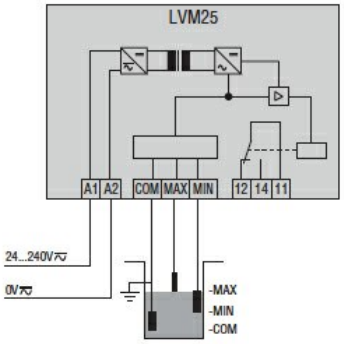
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Connections				
Terminals type				Screw
Tightening torque for terminals				
		max	Nm	0.8
		max	lbin	7
Conductor cross section				
	AWG/Kcmil			
		min	AWG	24
		Max	AWG	12
	IEC			
		min	mm²	0.2
		Max	mm²	4
Insulations				
Rated insulation voltage Ui			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			
		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
Mounting				35mm DIN rail (IEC/EN 60715) 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				

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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

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ETIM classification

ETIM 8.0	EC001447 - (Fill) level monitoring relay

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