LVMP05

START-UP PRIORITY CHANGE RELAY, MODULAR VERSION, 2 OUTPUTS. AC/DC SUPPLY VOLTAGE, 24-48VDC, 24...240VAC



Product designation		Start-up priority change relay. Modular version
Product type designation		LVMP05
Function		Start-up priority change relay
Auxiliary supply		
Supply voltage Type		Multi voltage
Rated voltage Us		24/48VDC or 24…240VAC
Operating voltage range		0.85...1.1 Us
Rated frequency	Hz	50/60
Power consumption Max	VA	1.6
Power dissipation Max	W	0.9
Relay outputs		
Number of relays	Nr.	2
Relay state		Normally de-energised, energises at tripping
Contact arrangement		2 x 1NO-SPST contact
Rated operational voltage AC (IEC)	VAC	250
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
Functions		
3 detecting electrodes (MIN, MAX and COM)		No
5 detecting electrodes (MIN1, MAX1, MIN2, MAX2 and COM		No
Sensitivity adjustment 2.5...50k Ω		No
Sensitivity adjustment 2.5...100k Ω		No
Sensitivity adjustment 2.5...200k Ω		No
Adjustable sensitivity full-scale value 25-50-100-200 k Ω		No
Separate sensitivity adjustment for MAX probe (foam detection)		No
Emptying function		No
Filling function		No
Emptying function with MIN and/or MAX alarm		No
Filling function with MIN and/or MAX alarm		No
Emptying function with pump priority change		No
Filling function with pump priority change		No

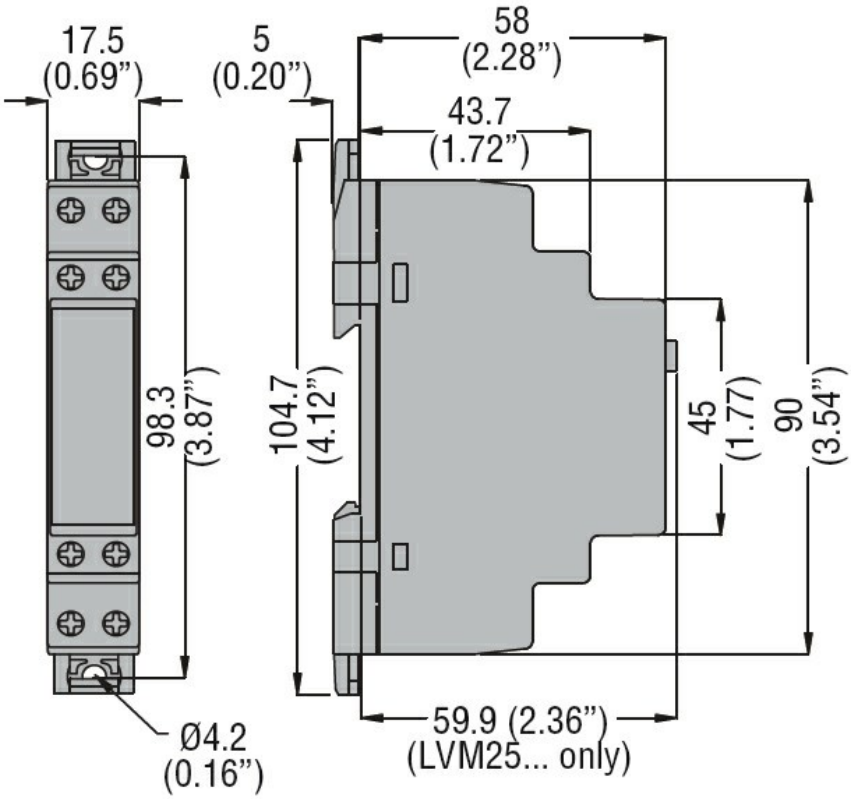
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Tank filling, well drawing and alarm			No
Filling-emptying adjustment selector			No
Programming selector for 5 different			No
Motor start-up priority change			Yes
Connections			
Terminals type			Screw
Tightening torque for terminals			
	max	Nm	0.8
	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	250
Rated impulse withstand voltage Uimp		kV	4
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			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	90
Dimensions			

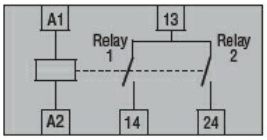
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Wiring diagrams



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

cULus
EAC

ETIM classification

ETIM 8.0	EC001447 - (Fill) level monitoring relay

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