LVMP30A024

START-UP PRIORITY CHANGE RELAY FOR 3 OR 4 MOTORS, MODULAR VERSION.
AUXILIARY SUPPLY VOLTAGE 24VAC

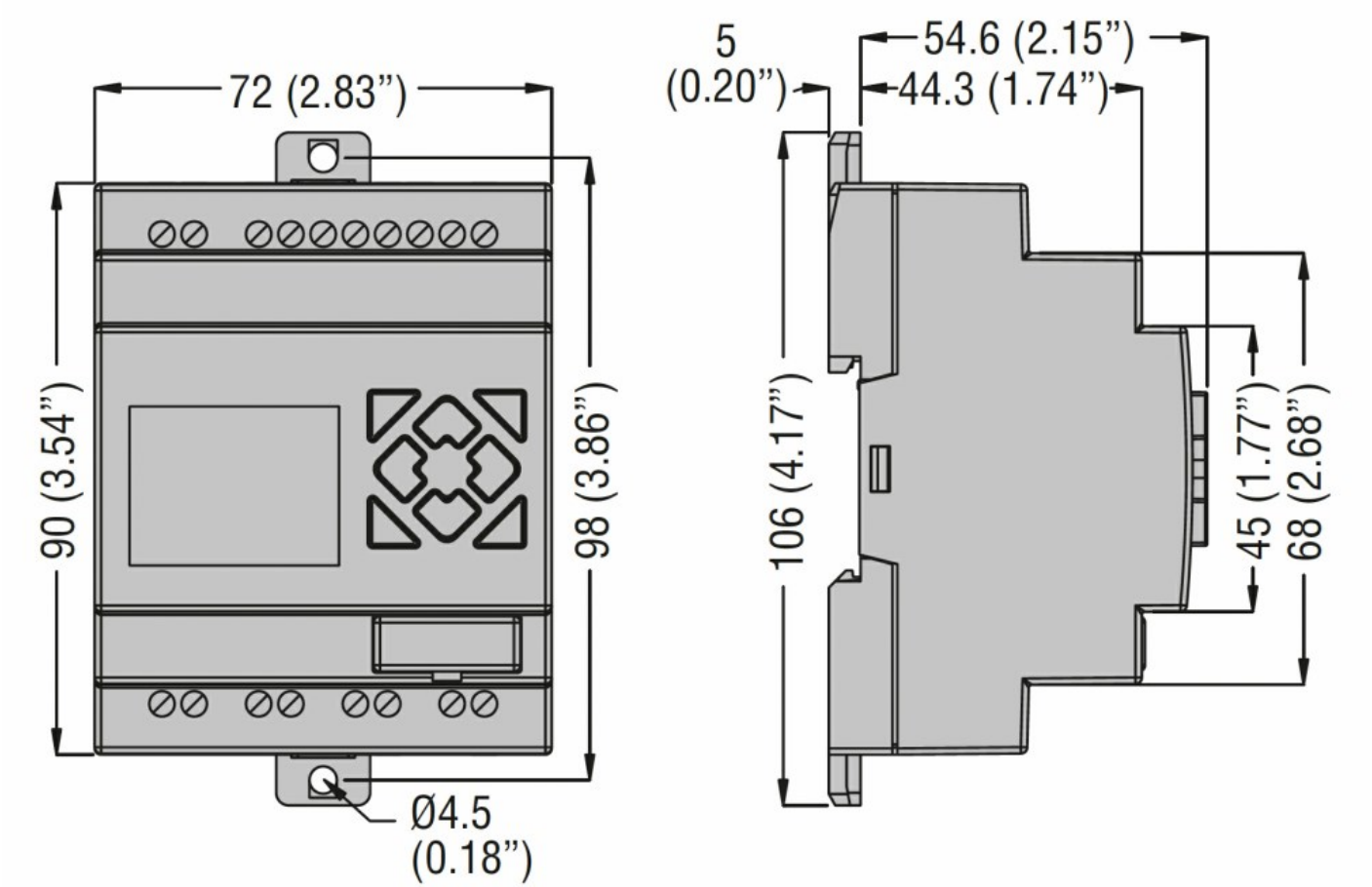


Product designation			Start-up priority change relay. Modular version
Product type designation			LVMP30
Function			Priority change for 3-4 motors
Auxiliary supply			
Supply voltage Type			Multi voltage
Rated auxiliary supply voltage Us AC			
	min	VAC	20,4
	Max	VAC	28,8
Operating voltage range			20.4…28.8VAC
Rated frequency		Hz	50/60
Operational frequency			
	min	Hz	47
	max	Hz	63
Power dissipation Max		W	7.5
Relay outputs			
Number of relays		Nr.	4
Relay state			Normally de-energised, energises at tripping
Contact arrangement			4 NO
Rated operational voltage AC (IEC)		VAC	250
Maximum switching voltage		VAC	265
IEC Conventional free air thermal current Ith		A	8
Electrical life (with rated load)		cycles	10^5
Indications			
Indication			Display for monitoring motor status, number of starts and working hours
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

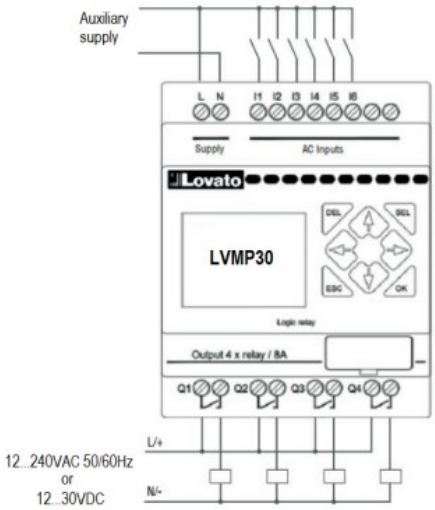
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Filling function with MIN and/or MAX alarm				No
Emptying function with pump priority change				No
Filling function with pump priority change				No
Tank filling, well drawing and alarm				No
Filling-emptying adjustment selector				No
Programming selector for 5 different				No
Motor start-up priority change				Yes
Connections				
Terminals type				Screw
Tightening torque for terminals				
		max	Nm	0.6
		max	Ibin	5.3
Conductor cross section				
	AWG/Kcmil			
		min	AWG	26
		Max	AWG	14
	IEC			
		min	mm²	0.14
		Max	mm²	2.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-20
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Relative humidity			%	20…90
Housing				
Execution				Modular DIN rail mounting
N° of modules				4
Material				Polyamide
Mounting				35mm DIN rail (IEC/EN 60715) or by screws using extractable clips
IEC degree of protection				IP20
Dimensions (W x H x D)			mm	72 x 106 x 59.6
Weight			g	250
Dimensions				

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Wiring diagrams



Terminals / Morsetti	Description	Descrizione
L-N	Auxiliary supply: LVMP30A024: 24VAC 50/60Hz LVMP30A240: 100…240VAC 50/60Hz	Alimentazione ausiliaria: LVMP30A024: 24VAC 50/60Hz LVMP30A240: 100…240VAC 50/60Hz
I1	Minimum level (enable)	Livello minimo (abilitazione)
I2	Start pump 1 input	Ingresso start pompa 1
I3	Start pump 2 input	Ingresso start pompa 2
I4	Start pump 3 input	Ingresso start pompa 3
I5	Start pump 4 input	Ingresso start pompa 4
I6	Latch enable	Abilitazione memoria
Q1	Pump 1 command output	Uscita comando pompa 1
Q2	Pump 2 command output	Uscita comando pompa 2
Q3	Pump 3 command output	Uscita comando pompa 3
Q4	Pump 4 command output	Uscita comando pompa 4

Certifications and compliance

Compliance

	CSA C22.2 n°142
	IEC/EN/BS 61131-2
	UL508

Certificates

	cULus
	EAC

ETIM classification

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ETIM 8.0	EC001447 - (Fill) level monitoring relay

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