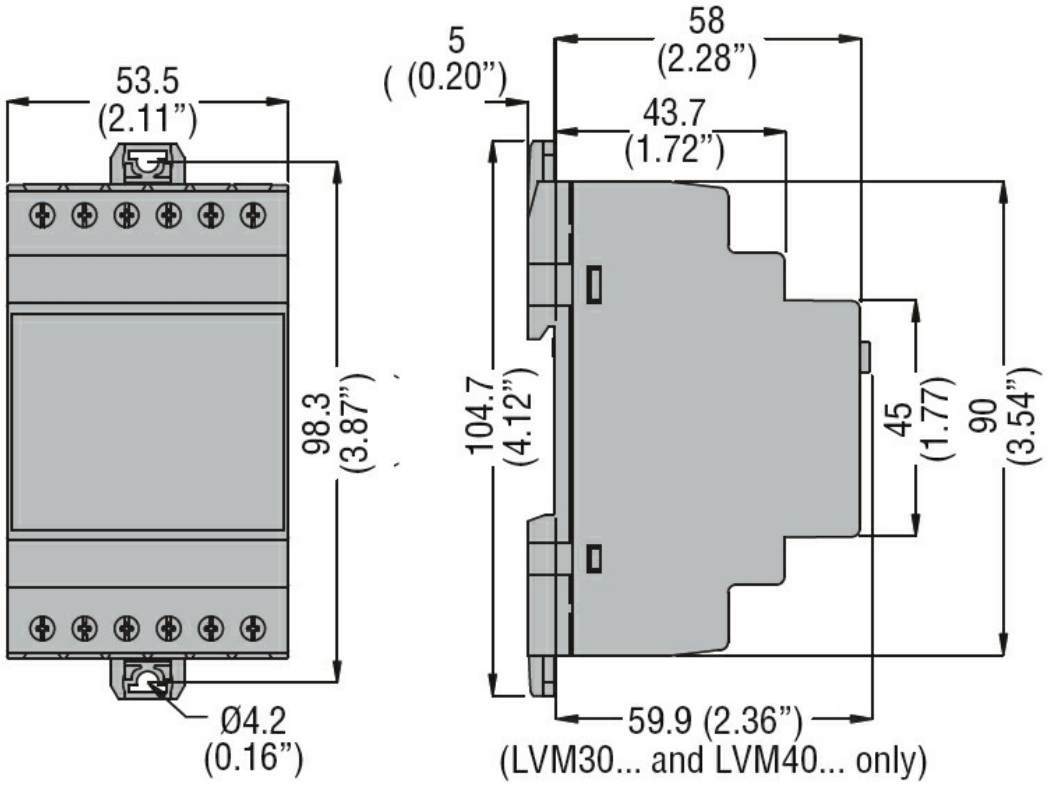
LVMP10A415

START-UP PRIORITY CHANGE RELAY, MODULAR VERSION, 2 OUTPUTS. AC SUPPLY VOLTAGE, 380...415VAC

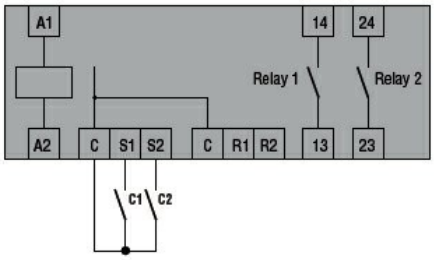
Product designation			Start-up priority change relay. Possible starting of stand-by motor. Modular version
Product type designation			LVMP10
Function			Start-up priority change relay. Possible starting of stand-by motor
Auxiliary supply			
Supply voltage Type			Single voltage
Rated auxiliary supply voltage Us AC			
	min	VAC	380
	Max	VAC	415
Operating voltage range			0.85...1.1 Us
Rated frequency		Hz	50/60
Power consumption Max		VA	4.8
Power dissipation Max		W	3
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
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
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
Tank filling, well drawing and alarm			No
Filling-emptying adjustment selector			No
Programming selector for 5 different			No
Motor start-up priority change			No
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	415
Rated impulse withstand voltage Uimp		kV	4
Operating frequency withstand voltage		kV	2.5
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			3
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	53.5 x 104.7 x 64.9
Weight		g	250
Dimensions			



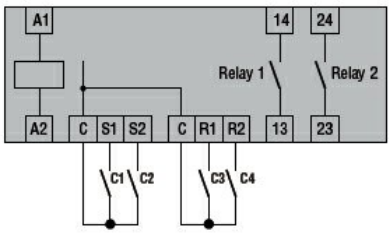
Wiring diagrams

2-wire connection



C1 = Primary
C2 = Secondary / Standby

3-wire connection



C1 = Start Primary
C2 = Start Standby
C3 = Stop Primary
C4 = Stop Standby

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