



Auxiliary supply

Supply voltage Type	Single voltage		
Rated auxiliary supply voltage U_s AC	min Max	VAC VAC	380 415
Operating voltage range	0.85...1.1 U_s		
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 $I_{th} \leq 40^\circ\text{C}$	A	8
UL/CSA and IEC/EN 60947-5-1 designation	B300	
Electrical life (with rated load)	cycles	10^5
Mechanical life	cycles	30×10^6

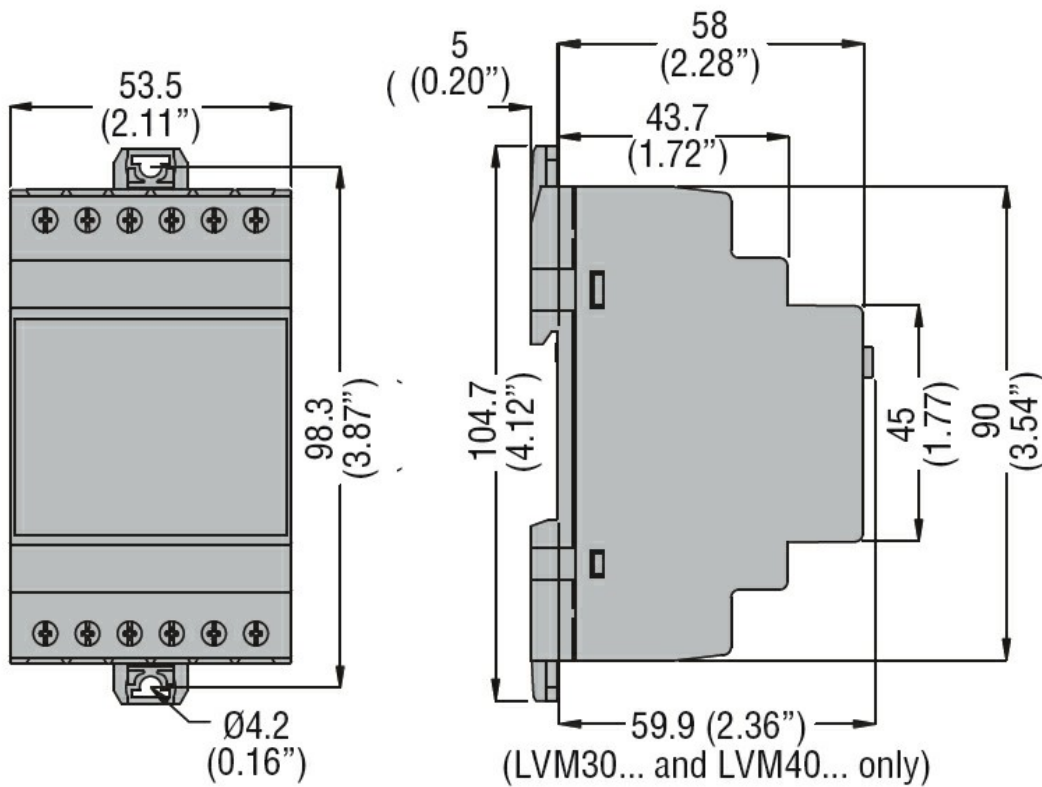
Indications

Indication	1 green LED for power on 1 red LED for relay state
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Functions

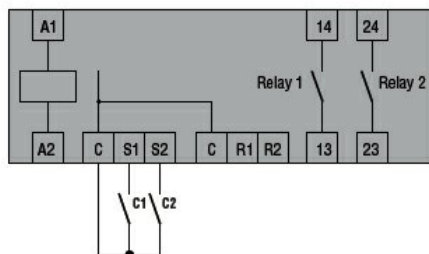
3 detecting electrodes (MIN, MAX and COM)	No
5 detecting electrodes (MIN1, MAX1, MIN2, MAX2 and COM)	No
Sensitivity adjustment 2.5...50k Ω	No
Sensitivity adjustment 2.5...100k Ω	No
Sensitivity adjustment 2.5...200k Ω	No
Adjustable sensitivity full-scale value 25-50-100-200 k Ω	No
Separate sensitivity 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	mm ²	0.2
			Max	mm ²	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					



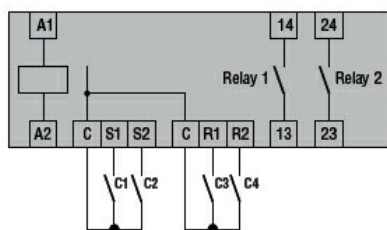
Wiring diagrams

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