



Auxiliary supply

Supply voltage Type	Single voltage		
Rated auxiliary supply voltage U_s AC	min	VAC	110
	Max	VAC	127
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

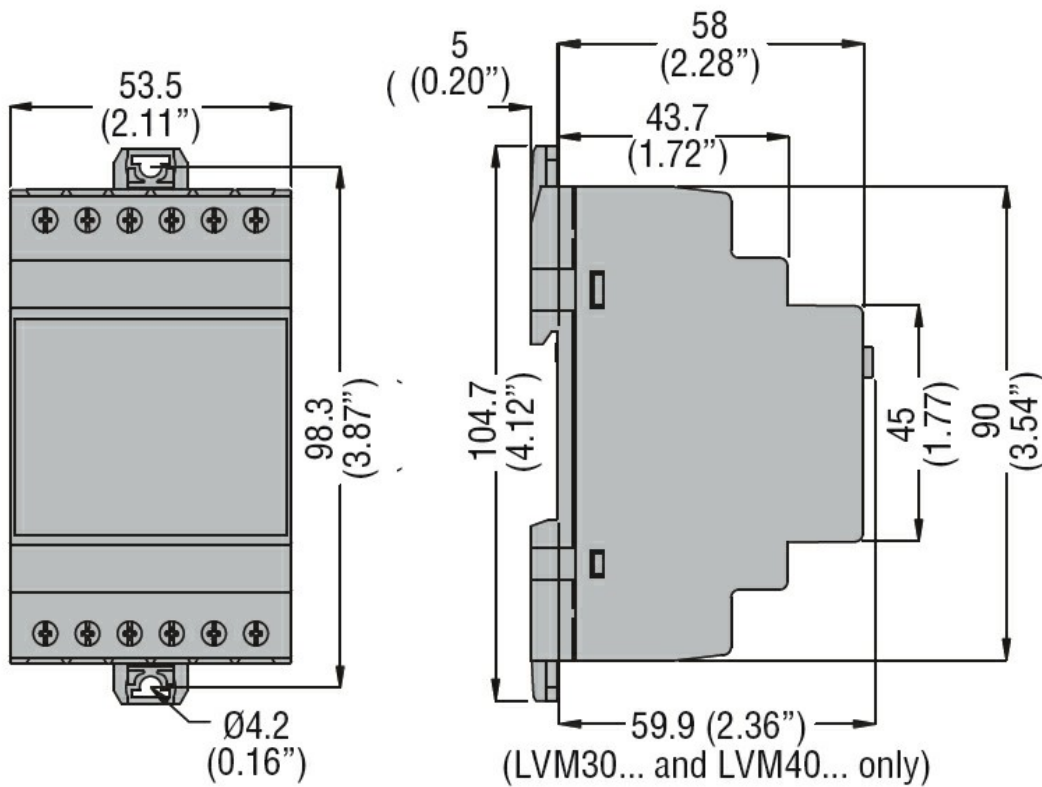
Indications

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

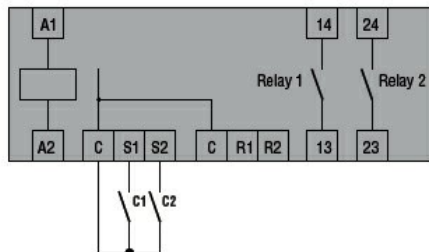
3 detecting electrodes (MIN, MAX and COM)	No
5 detecting electrodes (MIN1, MAX1, MIN2, MAX2 and COM)	No
Sensitivity adjustment 2.5...50k Ω	No
Sensitivity adjustment 2.5...100k Ω	No
Sensitivity adjustment 2.5...200k Ω	No
Adjustable sensitivity full-scale value 25-50-100-200 k Ω	No
Separate sensitivity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



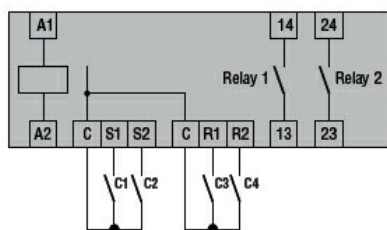
Wiring diagrams

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