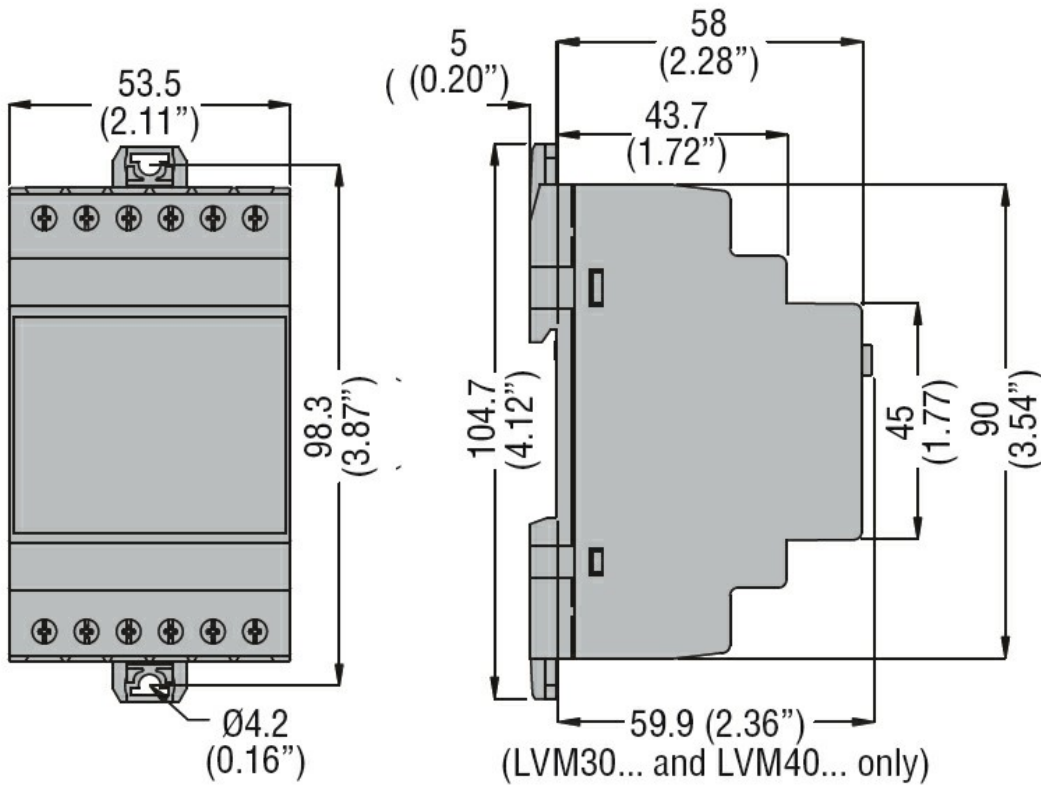




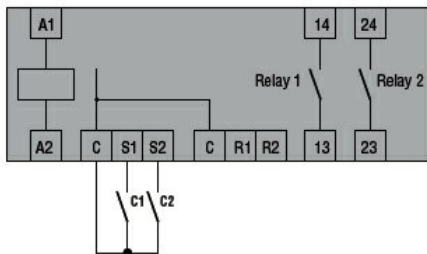
Auxiliary supply			
Supply voltage Type			Single voltage
Rated auxiliary supply voltage Us			
AC			
	min	VAC	380
	Max	VAC	415
Operating voltage range			0.85...1.1 Us
Rated frequency		Hz	50/60
Power consumption Max		VA	4.8
Power dissipation Max		W	3
Relay outputs			
Number of relays		Nr.	2
Relay state			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 I <sub>th</sub> ≤ 40°C		A	8
UL/CSA and IEC/EN 60947-5-1 designation			B300
Electrical life (with rated load)		cycles	10 <sup>5</sup>
Mechanical life		cycles	30x10 <sup>6</sup>
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
<b>Connections</b>				
Terminals type				Screw
Tightening torque for terminals		max	Nm	0.8
		max	Ibin	7
<b>Conductor cross section</b>				
	AWG/Kcmil			
		min	AWG	24
		Max	AWG	12
	IEC			
		min	mm <sup>2</sup>	0.2
		Max	mm <sup>2</sup>	4
<b>Insulations</b>				
Rated insulation voltage Ui			V	415
Rated impulse withstand voltage Uimp			kV	4
Operating frequency withstand voltage			kV	2.5
<b>Ambient conditions</b>				
<b>Temperature</b>				
	Operating temperature			
		min	°C	-20
		max	°C	+60
	Storage temperature			
		min	°C	-30
		max	°C	+80
<b>Housing</b>				
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
<b>Dimensions</b>				



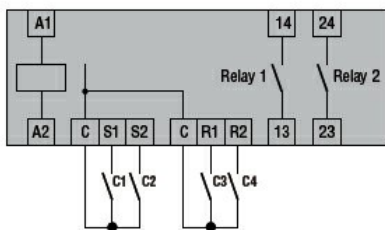
### Wiring diagrams

#### 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