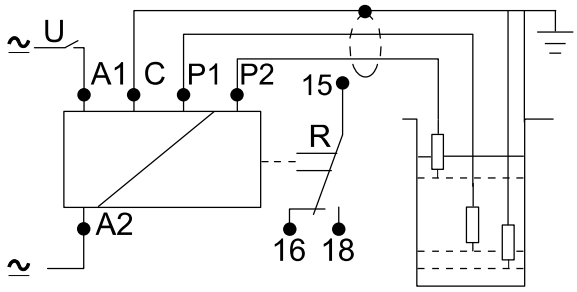
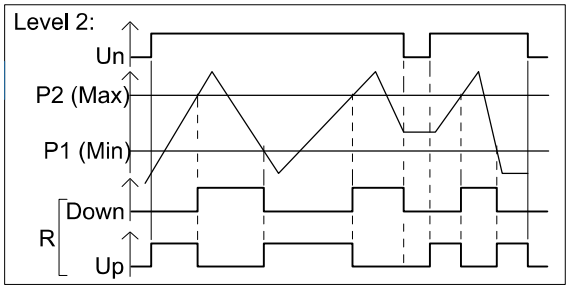
Liquid Level Monitoring Relay



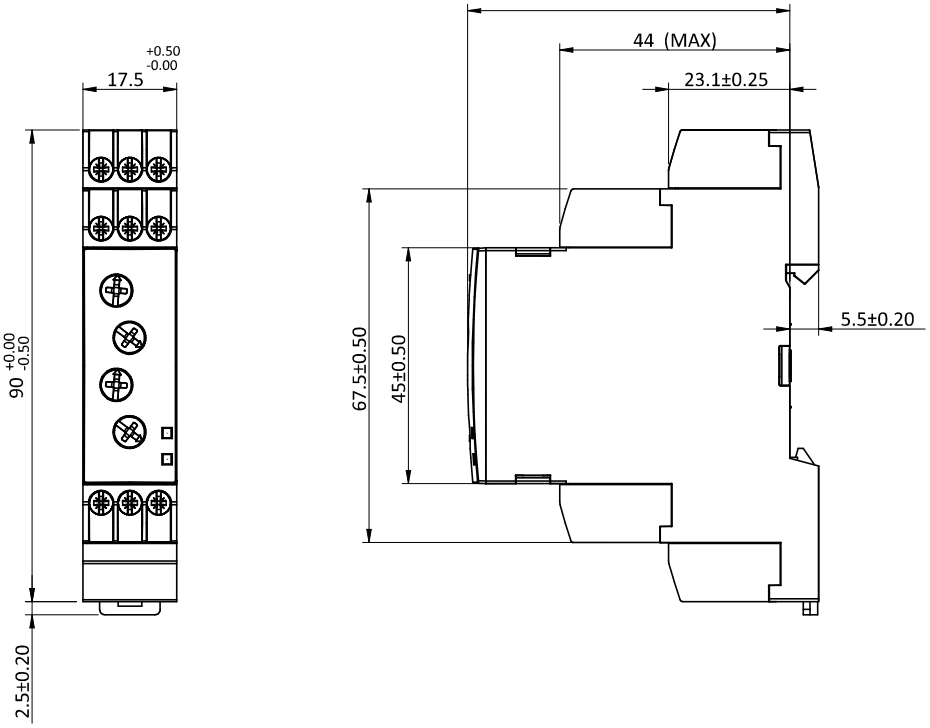
Cat. No.	LMU110	LMU111
Parameters		
Supply Voltage (⏚)	24-240V AC/DC -15/+10%	24-240V AC/DC -15/+10%
Frequency	45-65 Hz	
Power Consumption (Max.)	AC 4VA, DC 1W	
Device Characteristics		
Conductive Sensor Probes	Stainless Steel SS316L, 3 Nos	
Sensor Length	10 cm	
Control Action Modes	2 level, Filling or Draining	1 or 2 level, Filling or Draining
Sensitivity	Settable 5Kohm - 100Kohm	Settable : 250 ohm to 1 Megaohm LS (Low Sensitivity) : 250 ohm to 5 Kohm St (Standard Sensitivity) : 5 Kohm to 100 Kohm HS (High Sensitivity) : 50 Kohm - 1 Mohm
Sensor Voltage & Current	12Vp-p, 1mA	
Sensor cable	Cable gauge - 0.5sq mm Max Length - 200 meter Max Capacitance - 10nF	Cable gauge - 0.5sq mm Max Length - 200 meter Max Capacitance - LS - 4.7nF, St - 2.2 nF, HS - 1 nF
Settable ON & OFF Delay Time	Fix	Settable ON or OFF delay for 1 level only.0.1 to 5 Sec
Delay time Accuracy		+/- 10% of F.S.
Output Control Mode	Relay ON/OFF	
Contact Ratings	1 C/O, 8A @250V AC/24V DC resistive	
Utilization Category	AC-15 - 1A@250V AC DC-13 - 1A@24V DC	
Electrical Life	1 x 10^5 Operations	
Mechanical Life	1 x 10^7 Operations	
LED Indication	Green LED : Power status Red LED : Relay status	Green LED : Power status Red LED : Relay status (Blink during delay in progress) Both LED blink if pot setting is wrong
Operating Temperature	-20 to +60 deg cen	
Storage Temperature	-40 to +70 deg cen	
Relative Humidity	93% non condensing	
Mounting	DIN Rail	
Dimension (W x H x D) (in mm)	17.5 x 90 x 69	
Weight (unpacked)	Aprox. 91gm	
Degree of Protection	Terminal block : IP20, Casing : IP30, Front Face : IP 50	
Product standard	IEC/EN 60255-1:2023	
Certification	CE UK CA RoHS Compliant REACH	

Connection Diagram





Overall Dimension



Terminal Details

Ø3.5....4.4mm	0.5...0.60 N.m (4.4... 5.30 Lbf.in)
	1 x 0.5.... 2.5 mm² 2 x 0.5.... 1.5 mm² Solid/Stranded Wire
AWG	1 x 20 to 14 2 x 20 to 16