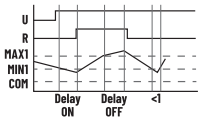
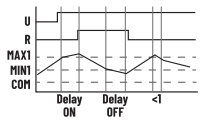
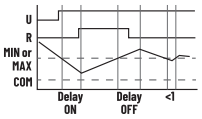
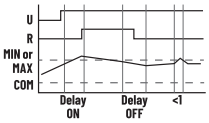
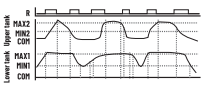
Klemsan®

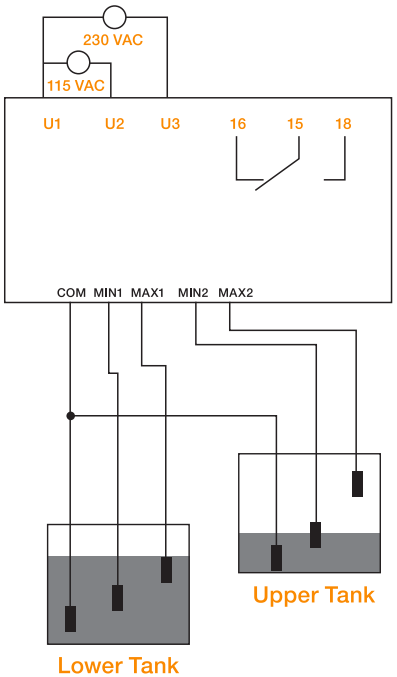
LIQUID LEVEL CONTROLLER

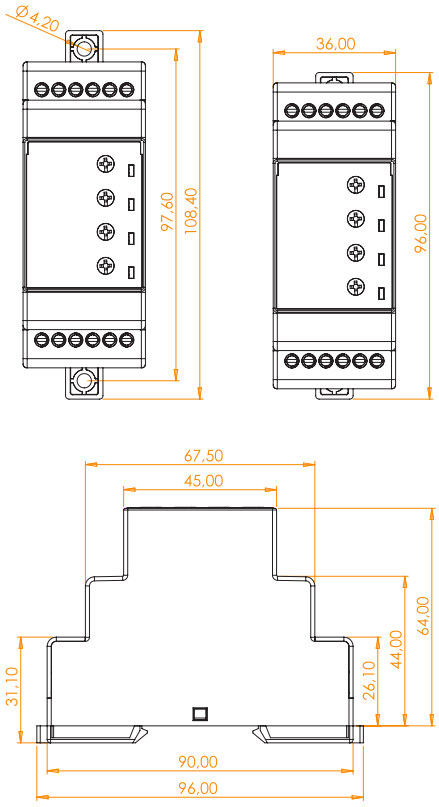
- » Product Design in accordance with TS EN 60255 standard
- » 36mm body conforming to DIN standard
- » Orange LED indicator for relay status
- » Loading and Unloading functions
- » Adjustable 2, 3 and 6 probe usage
- » 5A SPDT relay output
- » Microprocessor Based
- » High precision and high mechanical strength

Product Guide			
Products	Stock Code	Sensitivity Adjusment	Prop Number
K2LC-D2 115-230	270299	1kΩ-75kΩ	6

Technical Details	
Operating Voltage	U1-U2 (115 V AC ±%10) U1-U3 (230 V AC ±%10)
Operating Frequency	50 / 60 Hz
Supplying Terminals (Burden)	U1-U2-U3 (20kΩ)
Prop Inputs	COM, MIN1, MAX1, MIN2, MAX2
Sensitivity Adjusment	1kΩ-75kΩ
Nominal Voltage Delay	ton: 0.1 -10 s toff: 0.1 -10 s
Energization Delay	< 1 sec
Outout Contact	1 C/O
Max. Switching (Voltage / Current / Power)	250 VAC / 10A / 1250 VA - 30 VDC / 5A / 150W
Over Voltage Category (IEC 60664)	CAT III
Cable Cross Section	2.5 mm² (Only Cooper Conductor) / 14 AWG Solid / Stranded
Screw Tightening Torque	0.5 Nm
Cable Stripping Size (Min/Max)	8 mm / 9 mm
Power Consuption	< 13 VA
Operting Temperature Range	-20 / +60 °C
Protection Degree (IEC 60529)	IP 20

Operating Mode	Relay Actions	LED Display
3 Probe Up In this operating mode, COM,MIN1 and MAX1 terminals used as sensor input. The liquid level becomes active when disconnected from the MIN probe, It becomes deactivated when the connection is made with the MAX probe.		1) When the device is energized the U (Green) LED, lights up continuously. 2) Relay (Orange) LED lights up when the relay is activated. 3) If there is MIN1 signal, MIN (Yellow) LED lights up continuously. 4) If there is MAX1 signal, MAX(Yellow) LED lights up continuously.
3 Probe Down In this operating mode, COM,MIN1 and MAX1 terminals used as sensor input. The liquid level becomes active when connected with the MAX probe, It becomes deactivated when the disconnection is made with the MIN probe.		1) When the device is energized the U (Green) LED, lights up continuously. 2) Relay (Orange) LED lights up when the relay is activated. 3) If there is MIN1 signal, MIN (Yellow) LED lights up continuously. 4) If there is MAX1 signal, MAX(Yellow) LED lights up continuously.
2 Probe Up In this operating mode, COM,MIN1 and MAX1 terminals used as sensor input. The liquid level becomes active when disconnected from the MIN probe, It becomes deactivated when the connection is made with the MAX probe.		1) When the device is energized the U (Green) LED, lights up continuously. 2) Relay (Orange) LED lights up when the relay is activated. 3) If there is MIN1 signal, MIN (Yellow) LED lights up continuously. 4) If there is MAX1 signal, MAX(Yellow) LED lights up continuously.
2 Probe Down In this operating mode, COM,MIN1 and MAX1 terminals used as sensor input. The liquid level becomes active when connected with the MAX probe, It becomes deactivated when the disconnection is made with the MIN probe.		1) When the device is energized the U (Green) LED, lights up continuously. 2) Relay (Orange) LED lights up when the relay is activated. 3) If there is MIN1 signal, MIN (Yellow) LED lights up continuously. 4) If there is MAX1 signal, MAX(Yellow) LED lights up continuously.
6 Probe Mode In this operating mode, COM, MIN1, MAX1, MIN2 and MAX2 terminals used as sensor input. This mode is used to transfer from two water supply tank more to less .		1) When the device is energized the U (Green) LED, lights up continuously. 2) Relay (Orange) LED lights up when the relay is activated. 3) If there is MIN1 signal, MIN (Yellow) LED lights up continuously. 4) If there is MAX1 signal, MAX(Yellow) LED lights up continuously.





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