



Technical Specifications:

- Microprocessor-based device
- Operating ambient temperature: -5°C to +55°C
- Supply voltage: 220 V AC $\pm 20\%$ (Lx-N)
- Sensitivity adjustment: 2 ... 100 k Ω
- Cable cross-section: 1 $\times$ 0.5–4 mm²
- Screw tightening torque: 0.5 Nm
- Protection rating: IP20 (according to EN 60529)
- Operating frequency: 50–60 Hz
- Control output: 1 inverter, 10 A / 250 V AC
- Power consumption: < 7 A
- Electrical life: 100,000 switching cycles (resistive load)
- Mounting: DIN rail type Th35 (according to EN 60715)

Warnings for Safe Use and Installation:

- Disconnect all supply voltage before performing any operation on the device.
- Do not energize the device before mounting it onto the panel.
- Check that all connections are correct before operating the device.
- In case of any malfunction, contact your authorized dealer.

General:

In industrial tanks, water reservoirs, and artesian wells, pump motors are controlled using liquid level relays.

Operating Principle:

Three electrodes are used: base, lower, and upper. The base electrode must always be used; otherwise, the relay will not provide an output. For two-electrode applications, the Upper (U) and Lower (L) electrodes should be short-circuited.

Connection Diagram:

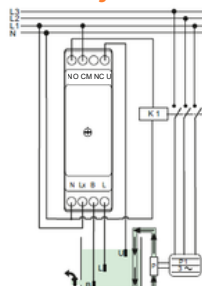


Figure 1 - Tank Drainage Wiring Diagram

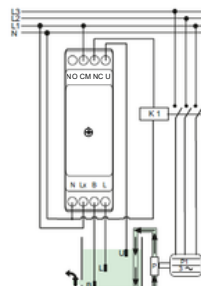
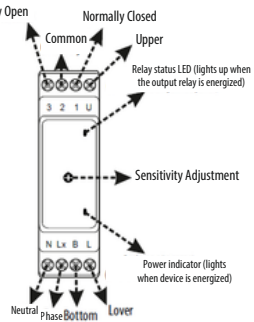
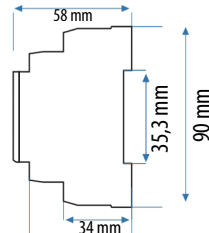
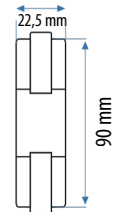
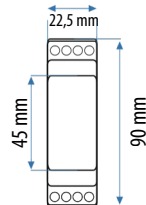


Figure 2 - Tank Filling Wiring Diagram

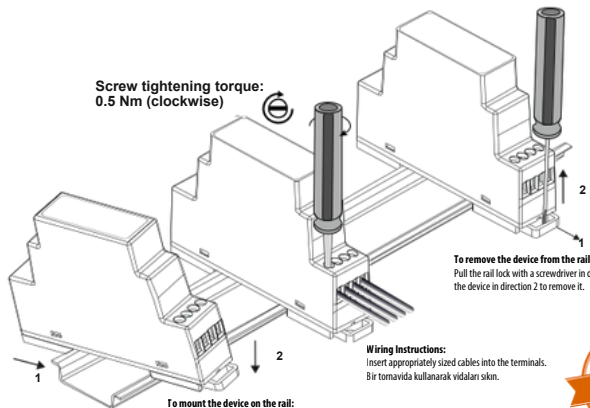


Dimensions:



Assembly:

Screw tightening torque:
0.5 Nm (clockwise)



To remove the device from the rail:
Pull the rail lock with a screwdriver in direction 1 and move the device in direction 2 to remove it.

Wiring Instructions:
Insert appropriately sized cables into the terminals.
Bir tornavida kullanarak vidaları sıkın.

To mount the device on the rail:
Push the device towards the rail in direction 1, then move it in direction 2 until the rail locks engage.