



Application

The relay is mainly used in applications in which containers are automatically filled and drained. In addition, it is also utilised as protection against containers overflowing or running dry.

Technical data

Operating voltage:	230 V / 50 Hz
Power consumption:	2 VA
Electrode voltage:	24 V / 50 Hz
Distance to measuring point:	max. 50 m
Switching capacity:	250 V / 50 Hz, 2 A, max. 200 VA
Response sensitivity:	0 - 100 / 200 kΩ
Housing:	ABS
Degree of protection:	IP 20
EMC	
Emission:	EN 50 081-2
Immunity:	EN 50 082-2

Description

The electrode level relay ST/NR can be operated with single-pole electrodes when using an earth electrode or with two-pole electrodes.

If the level of the liquid reaches the upper electrode a start command is issued to the pump. As soon as the liquid level drops below the electrode a stop command is issued to the pump.

Alternating voltage is utilised to prevent electrolytic degradation.

That limits the length of cable between the electrode and the device.

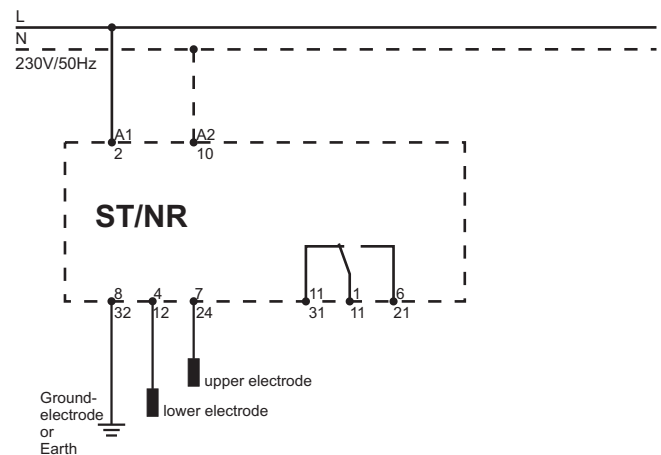
The response sensitivity can be set via the integrated potentiometer.

LEDs indicate the actual control state of the relay.

Principal functions:

- Adjustable response sensitivity
- Pluggable housing

Electrical connection



Dimensions

