

Electrode Relay

AD-ER 01 GB
AD-ER 01 EV

Description

The electrodes are supplied with alternating voltage. If a conduction liquid i.e. water, bridges the mass and the max-electrode, the output relay responds, the transmitter power monitor lights up. Furthermore an internal, commutator ensures that the min-electrode becomes effective. The relay drop out, if the mass and the min-electrode are not conductive connected. The sensitivity can be adjusted to the given circumstances via an integral trimmer.

Application

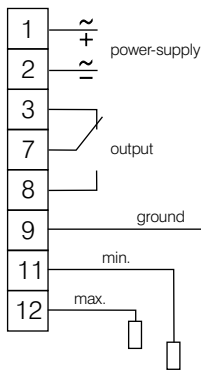
Monitoring and regulating levels of conductive liquids, especially water.



Specification

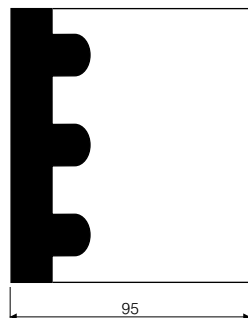
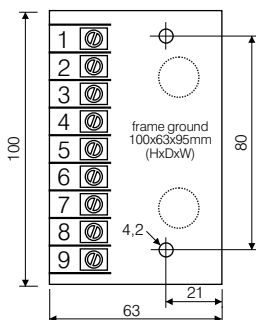
version	surface housing AD-ER 01 GB 19" Euro-board format AD-ER 01 EV
power supply:	230V AC, 50 Hz, +10%/-6% or 20-30V DC, internal galvanical insulated
power consumption:	ca. 3 VA resp. 2 W
input:	3 electrodes: MIN/MAX/GROUND
electrode current:	max. 1 mA
electrode voltage:	max. 10 V, ca. 45 Hz.
output:	type GB: 1 change-over contact type EV: 3 change-over contact
max. switching voltage:	250V AC, max. 8A, max. 100VA
output time delay:	max. 1 s
sensitivity:	0-60kOhm on frontpanel adjustable
insulation test voltage:	signal/power supply AC: 4 kV RMS signal/power supply DC: 2 kV RMS input/output 4 kV RMS
protective systems:	input against over voltage and over current power voltage agains over current, over voltage and over temperature
CE-conformity:	EN 50081-2, EN 50082-2
ambient temperature:	0° to 50°C

Connections and dimensions: AD-ER 01 GB



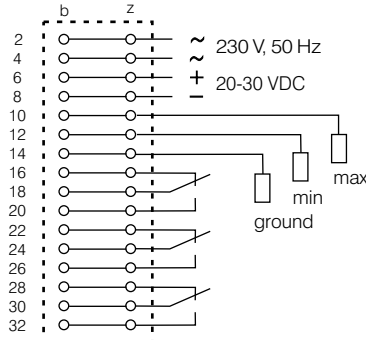
connection data:
fine-wire: 2,5 mm²
single-wire: 4,0 mm²
max. voltage: 250 V~

weight: max. 400 g
protection: IP 30



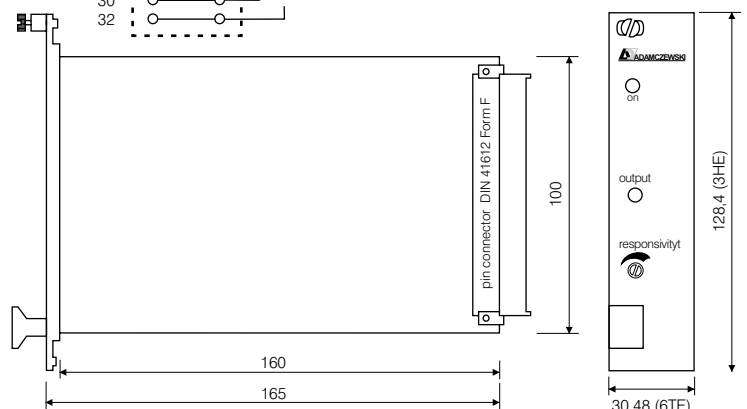
Connections and dimensions: AD-ER 01 EV

Ansicht auf Steckkontakt



connection data:
fine-wire: 2,5 mm²
single-wire: 4,0 mm²
max. voltage: 250 V~

weight: max. 200 g
protection: IP 00



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