

LCN-AO1R

Analogue output converter: 230V / 0-10V for patress boxes



Description:

The LCN-AO1R transform the dimmed phase of the LCN-UPPs to an analogue 0-10V (1-10V) signal.

In addition with electrical ballasts, the LCN-AO1R has an 230V switch output.

Field of application:

Using the LCN-AO1R for controlling dimmable electrical ballasts with 0-10V signal.

Additional the LCN-AO1R has an 230V relay output. This relay works, if the 0-10V output is not 0.

The LCN-AO1R can control devices with 0-10V signal, like frequency converter, actuators or heating valves.

Hardware equipment:

Input für dimmed phase

One output 0-10V

One Output 230V/8A

Status display

Note:

The LCN-AO1R only works with the LCN-UPP.

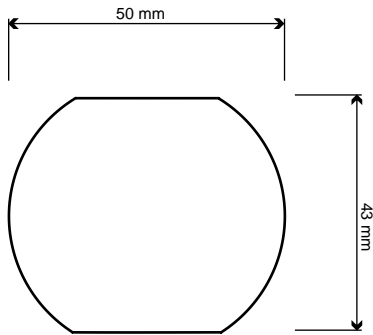
Please choose for DIN rail mounted 0-10V (1-10V) the LCN-HU.

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Dimensions:

Mass (Ø x H): 50 mm x 20 mm



Technical Data:

Connection:	
Supply voltage:	230V ~ ±15%, 50/60Hz
Input power:	< 0,8W
Connection power side:	Litz wires 0,75 mm (with insulated ferrules)
Terminals:	screwless,
Cable type:	single or multi-core max. 2,5 mm ² or with insulated ferrules (max. 1,5mm ²)
Conductor typ 0-10V:	max. 0,8 mm
Output:	
Relay output:	Relay 230V, max. 8A
0-10V output:	<u>Source current:</u> max. 1,5mA (aktive) <u>Load current:</u> max. 40mA (ca. 40 EVGs with enquiry current under 1mA/elec. ballasts) The 0-10V Output is on N-potential.
General Details:	
Operating temperature:	-10°C bis +40°C
Humidity:	max. 80% rel., non condensing
Environmental conditions:	stationary installation according to VDE632, VDE637
Safety classification:	IP 20

Assembly:

Decentralized installation in deep patress boxes

Circuit diagram

