

LCN-PK

Coupler module for connection to PC



Description:

The LCN-PK (PC coupler) is a passive coupling module for the LCN bus system. It comes with an RS232 connector for connection to a PC and push connectors for connection to the LCN bus.

As the module has no processor, setting of parameters through the system software is not necessary.

Field of application:

The LCN-PK serves as the access point to LCN modules via Laptop or PC.

Through this connection the system technician can set the parameters of the individual modules.

A further application is the use of the visualisation software LCN-W (and add on modules) to directly control commands visually from a display or view the bi-directional data transfer between current system state and modification likewise direct control commands from the visualizations PC.

Further more the PC coupler serves as a gateway for connection to other systems. This allows for system specific devices such as smoke detectors and/or management software such as software for connection to AMX/DMX, ASCII, MOD-BUS, OPC and others to be coupled onto the LCN system.

Note:

The use of more than one LCN-PK coupler on a single system is possible

The selected port for connection to the PC should not already be in use by another device e.g mouse, PDA

USB Adapter for connection is possible.

PCMCIA Adapter for connection is possible.

Hardware equipment:

RS232 connection

Connection to LCN bus

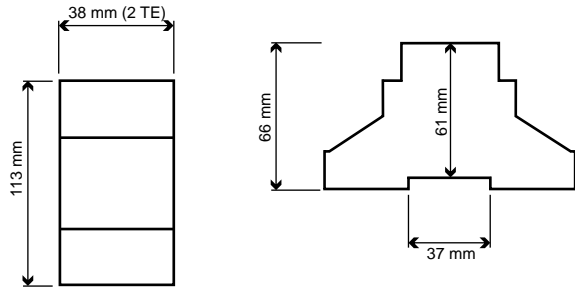
Status LED's

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Dimensions:

Mass (B x L x H): 38 mm x 113 mm x 66 mm



Height: 66 mm
61 mm over DIN rail

Space requirement: 2TE

Assembly: REG auf 35 mm Rail (DIN 50022) or Screw fixture

Technical Data:

Connection:	
Supply voltage:	230V~ ±15%, 50Hz
Input Power:	0,4W power consumption
Terminals: Screwless, max. 16A	
Conductor type: Single or multi core (max. 2,5 mm ²) with insulated ferrules (max. 1,5 mm ²)	
PC:	
Port:	serial, RS 232, (galv. sep) Also over Adapter
General details:	
Operating temp:	-10°C...+40°C
Humidity:	max. 80% rel., Non condensing
Environmental conditions: Stationary installation according to VDE 631, VDE637	
Protection:	IP 20

Circuit Diagram

