

LCN-PKU

Coupler module for connection to PC for DIN rail mounting

The LCN-PKU (PC coupler) is a passive coupling module for the LCN bus system. It comes with an USB connector for connection to a PC and connects 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-PKU serves as the access point to LCN modules via a laptop or a PC.

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

A further application is the connection of the LCN visualisation system to the PC. Using the system software LCN-GVS (and add on modules) enables the direct and bi-directional transfer of data between the LCN systems operational stati, whilst allowing modifications and control commands from the visualisation PC to proceed.

Furthermore, 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.



Hardware:

USB connection

Connection to LCN bus

Visual display of operating status

Note:

The parallel operation of several LCN-PKU couplers in the same LCN-bus is possible.

The PC-interface shall not be used by drivers of other devices such as mouse, PDA ...

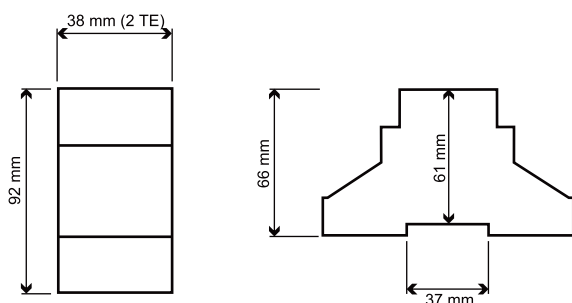
3.75 The LCN-PRO automatically detects the LCN-PKU and proceeds with the installation of the driver.

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Dimensions:

(L x W x H): 38 mm x 92 mm x 66 mm



Height: 66mm
61mm via DIN rail

Space requirement: 2TE

Assembly: REG on 35 mm mounting rail
(DIN 50022)

Technical Data:

Connection:

Supply voltage: 230V~±15%, 50Hz
(110V AC±15% type available)

Input Power: 0,6W power consumption

Terminals: Screwless, max. 16A
Conductor type: Single or multi core (max.2,5 mm²) with insulated ferrules (max.1,5 mm²)

PC:

Port: USB

General details:

Operating temp: -10°C...+ 40°C
Humidity: max. 80% rel., Non condensing

Environmental conditions: Stationary installation according to VDE 631, VDE637

Safety classification: IP 20

The LCN-PK galvanically separates/isolates the LCN bus from the USB port at up to 4KV.

Circuit Diagram:

