LCN-AD1

A/D Converter DIN rail mounted

Description:

The LCN-AD1 is an Analogue to Digital converter for the LCN bus. It captures the norm signals 0-1V, 0-10V or 0-20mA.

Hardware equipment:

Analog input

Jumper for setting the signal type

Status-LED

Cable with plug for T-port connection to the intelligent bus module

Field of application:

The LCN-AD1 is used for recording signals where there are no specific LCN sensors available, e.g. sensors for very high temperatures, hygrometer, etc.

Note:

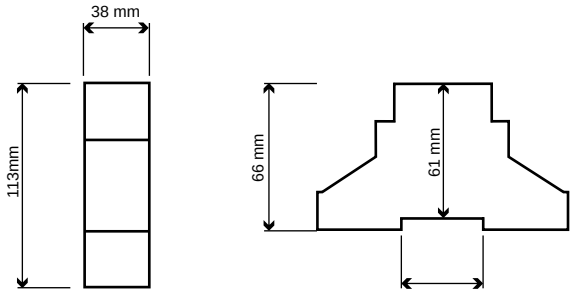
The LCN-AD1occupies the T-Port connection of the connected module completely. No further keys can be connected i.e no further T-Port peripheries even when using jump sockets.
The other inputs such as the I-Port are still fully usable and so, e.g. temperatures can be recorded using LCN-TS along with the LCN-AD1.

LCN-AD1

Analogue- Digital Converter DIN rail mounted

Measurements:

Dimensions (L x W x H)**:** 113 x 38 x 66 mm
Supply Cable: 160mm



Height: 66mm
61mm via DIN rail

Space requirement: 2TE

Assembly:

Attached built-in device on 35 mm mounting rail (DIN 50022) or screw fixture

Technical Data:

Connection:
Power Supply: 230V~ ±15%, 50Hz
Wiring option: screwless
Conductor type: massive or multi-phase (max.2,5mm²) or with insulated pin terminals (max.1,5mm²)

Inputs:
Number: 1
Input potential: max. 500V towards N
Measuring range: 0V to 1V or 0V to 10V or 0mA bis 20mA
Resolution: 10 Bit
Wiring option: screwless
Conductor type: massive or multi-phase (max.0,5mm²) or with Insulated pin terminals (max.0,5mm²)

General Details:
Operating temperature: -10°C to +40°C
Humidity: max. 80% rel., no condensation

Environmental conditions: stationary installation VDE 632, VDE 637

Safety classification: IP 20

Circuit Diagram