LCN-TL12R

Key Converter with eight Key inputs and twelve LED outputs

Description:

The LCN-TL12R sets any eight (potential free keys) to the T-port connection (key input) of an LCN Bus Module.
The LCN-TL12R controls twelve LEDs (with or without a series resistor)

There are the known commands " Hit", "Hold" and "Release", for each key.

Control for the LED states off, on, blink and flicker will be supported

The outputs are power sources with switchable current outputs (2mA/10mA) to control the LEDs.

It is designed to be used with the LCN-UPP or UPS modules, it can however be used with the LCN-HU, LCN SH and the LCN-LD modules.

Hardware equipment:

Cable with plug for T-Port connection

Cable with tinned ends for the in/outputs

Screw terminals for connection of the LCN-NU16.

LEDs for displaying the supply voltage and the set curent

Field of Application:

The LCN-TL12R can connect to potiental free EIB key sensors like e.g. the Jung series 2224 and 2248 or the Berker 4 way TS glass sensor

A further posible use is to control conventional Tableaus/Panelboards.

Note:

In addition an LCN-NU16 for supply of the LEDs is needed

Input cable extendable to 5m

Not suitable for permanent contacts

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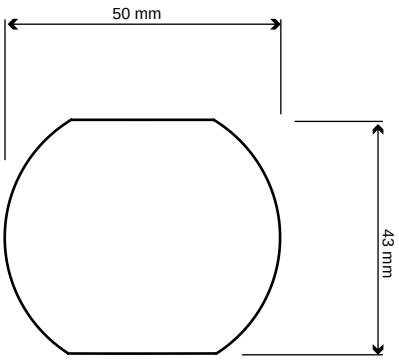
Dimensions:

Mass (Ø x H)**:** 50 mm x 20 mm
Supply cable: 160 mm



Technical Data:

Input:

Supply voltage:	16V to 30V =(DC)
Terminals:	Screw type, max.1mm^2
Cable type In/Output:	0,08mm^2, tinned cable ends
Supply cable:	25 cm, to max. 5 Meter extendable
Input:	8x, for potential free keys
Output:	12x, also suitable for LEDs with series resistors <1KOhm
Supply current:	2mA or 10mA, switchable

General data:

Operating temperature:	-10°C to +40°C
Humidity:	max. 80% rel., non condensing
Environmental conditions:	Stationary installation according to VDE632, VDE637
Protection:	IP 20, when installed in patress box

Assembly:

Decentral installation in pattress box

Circuit Diagram