

LCN-TU4C

Capacitive Push-button converter
4 x 230V



Description:

The capacitive Push-button converter LCN-TU4C can realize 4 invisible keys.

The capacitive keys (sensor area) could be fixed behind wood, stone, glazed tile, etc. The sensor areas operate by touching the surface.

Each key connection distinguishes the LCN "Hit, Hold and Release," function.

Field of application: New ways for the functions of furnitures, kitchens, wall covering, etc. . For example in a cupboard: here can easily fix the sensor area inside.

Technical data:

Supply:	by the LCN modules - Cable with plug for T-Port connection for LCN-UPP,- UPS,-LD,-HU,-SH
Keys:	capacitive "Hit, Hold and Release" function, table A1 A4
Terminals:	max. 0,8mm diameter, max. 80cm cable to the sensor areas
Penetration:	ca. 20-30mm, tributary to the substrate and sensibility
General data:	
Operating temp:	-10°C bis +40°C
Humidity:	max. 80% rel., Non condensing
Environmental conditions:	Stationary installation according to VDE632, VDE637
Safety classification:	IP 20

LCN-T4ER

Wireless Receiver (EnOcean), 4 keys



Description:

The LCN-T4ER is a radio key converter for "EnOcean" keys. It sets four "EnOcean" signals onto the T-Port connection (key input) of the LCN module. Each key connection distinguishes the "Hit, Hold and Release," function.

The LCN-TU4R is designed to be used with the LCN-UPP, LCN-UPS or LCN-UP24 modules but it can also be used with the LCN-HU, LCN-SH and LCN-LD when necessary.

30 radio keys can be trained by a didactic key.

Technical data:

Inputs:	radio keys (EnOcean)
Supply voltage:	230V~ 15%, 50/60Hz, 0,5W, main terminals to loopthrough execute double
Connector:	Cable with plug for T-Port connection for LCN-UPP,- UPS,-LD,-HU,-SH
Cable type:	screwless, single or multi core (max. 2,5mm ²) or with insulated ferrules (max. 1,5mm ²)
General data:	
Operating temp:	-10°C bis +40°C
Humidity:	max. 80% rel., Non condensing
Environmental conditions:	Stationary installation according to VDE632, VDE637
Safety classification:	IP 20

LCN-KT8B

Capacitive tableau with 8 touch keys, 12 LEDs & bargraph display



Description

The LCN-KT8B is a tableau with 8 touch keys and 12 LED's for the LCN bus system. It connects to the T-Port connector of an available LCN-UPP, UPS, UP24, SH or HU.

The keys are capacitive and operate as touch sensitive - there are no mechanical moving parts. It allows to place a printable foil over the top and is covered by a glass plate. The LCN-KT8B fits over a surface mounted wall socket and connects to a LCN-TEU which could be fixed to the wall with two screws.

New: The bargraph display with 15 LEDs for the indication of analog signals.

Optional an LCN-RR infrared remote-control receiver can be installed in the LCN-KT8B, to control the same 8 keys or for further 16 keys (Table B and C).

Technical data:

Keys:

Type: 8 capacitive keys
Function: HIT / HOLD / RELEASE
Key table A

Signal lamps:

Type: 12 LEDs
Function: OFF / BLINK / FLICKER / ON
Supply: bargraph display with 15 LEDs
Through module or additional LCN-NU16 for greater brightness

General data:

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

Environmental conditions: Stationary installation according to VDE632, VDE637

Safety classification: IP 20

LCN-AVC/AVN

Thermoelectrical Actuator for valves, with 230V or 1-10V control



Description:

Direct control of the LCN regulators - an universal and high level solution for the climate control: heating & cooling. Every LCN-module includes two constant regulators and a multipoint regulator with 5 swells.

The **LCN-AVN** for supply voltage is a good and inexpensive possibility to control a valve proportionate. The LCN modules include a pulse packet control unit since 4/2008.

The **LCN-AVC** for 0-10V control would be needed if you have big rooms with many heaters controlled by the same actuator.

Every electrical drive inputs the value. In parallel operation the heat output permanently distributes the heater - autonomic to the valves characteristic.

These thermoelectrical actuators for valves are normally closed - if the power is off the value is closed too.

Technical data:

LCN-AVC

Mode of action: thermoelectric actuator with electrical path measurement
Supply voltage: 24V AC 50-60Hz / 0-10V DC
Actuating force: max. 100N
Safety classification: II / IP54
Operating temp: 0°C bis +60°C
Consumption: 1,8W
Access line: 3 x 0,22mm², length: 1m

LCN-AVN

Mode of action: thermoelectric actuator
Supply voltage: 230V 50-60Hz - normally closed
Actuating force: max. 100N
Safety classification: II / IP54
Operating temp: 0°C bis +60°C
Consumption: 2W
Access line: 2 x 0,75mm², length: 1m