

# LCN-TEU

## Universal Cable for EIB-Standard Key Sensors



### Description:

The LCN-TEU is an adapter cable for the operation of EIB 4-way key sensors on the T-Port connection of LCN modules. It can also be used in conjunction with the LCN-TE1 or LCN-TE2 when another EIB/KNX key converter is to be connected.

It has a connection for the voltage supply for background-lit key converters.

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

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

### Hardware equipment:

Cable with plug for T-Port connection

Miniature connection screws for optional 24V supply

Acoustic signal device

Carrying-ring

### Field of application:

The LCN-TEU is a connection cable for EIB 4-way key sensors.

It supports up to 8 keys and 5 LED circuits.

### Note:

When using 1 and 2 way key converters from **Berker, Gira, Jung, Legrand** and **Peha** please use the LCN-TE2 Universal key sensors with special functions are not supported.

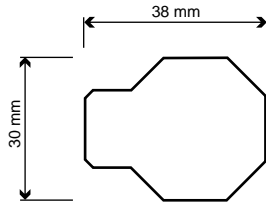
The 24V feed is only used with background-lit key converters or in special cases.

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## Universal Cable for EIB-Standard Key Sensors

**Dimensions:**

**Mass (L x W x H):** 38mm x 30mm x 14mm  
**Supply Cable:** 210mm



**Technical Data:**

**Key converter interfaces:** Jung 2073+2074 NABS + TSM  
 Berker 7516 40+7516 41  
 Berker 7516 43+7516 33  
 PEHA 90.850/4.02.T  
 Siemens 5WG1 245-2AB  
 Siemens 5WG1 284-2AB  
 GIRA 884  
 GIRA 1013  
 MERTEN 6206  
 MERTEN 6223  
 MERTEN 6224  
 MERTEN 6225  
 MERTEN 6226  
 MERTEN 6233  
 MERTEN 6234  
 MERTEN 6238  
 LEGRAND 77(xx)-54

**Key converter interfaces:** Busch-Jaeger 6115  
 Busch-Jaeger 6116  
 Busch-Jaeger 6117  
 Busch-Jaeger 6125  
 Busch-Jaeger 6126  
 Busch-Jaeger 6127  
 MERTEN 6231 90  
 LEVY 377 746 012  
 GIRA 1013 (with background lighting)  
 Berker 7516 30 B.IQ  
 Berker 7516 40 B.IQ

**Assembly:** De-central installation in patress boxes

**Connection:**

for screwing  
 Terminals: single or multi-core  
 Cable type: (max. 0,5mm<sup>2</sup>) or with insulated ferruls (max. 0,5mm<sup>2</sup>)

**General Details:**

Operating temperature: -10°C to +40°C  
 Humidity: max. 80% rel., non condensing  
 Environmental conditions: stationary installation according to VDE 632, VDE 637

Safety classification: IP 20, when installed in concealed box

**Circuit Diagram**

