

# TECHNICAL DOCUMENT

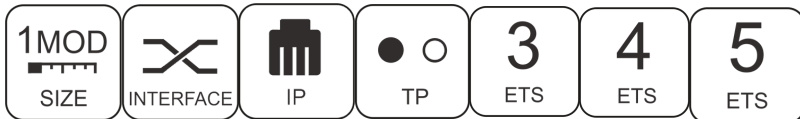
## KNX IP INTERFACE C4



KNX IP Interface C4

## DATA SHEET

Compact bus powered interface between LAN/Ethernet and KNX bus



### Application area

The KNX IP Interface C4 is a compact interface used to connect a PC to the KNX network. The connection is made through LAN (IP). Power is supplied via the KNX bus.

The IP address can be obtained by a DHCP server or by manual configuration (ETS) respectively. This device works according to the KNX net/IP specification using the core, the device management and the tunneling part.

The buttons are for diagnostic purposes. The LEDs indicate the operating status and communication errors on the bus.

## Technical Specification

### Electrical safety

- Protection (acc. EN 60529): IP 20

### CE marking according to

- EMC directive 2014 / 30 / EU
- RoHS directive 2011 / 65 / EU
- EN 63044-3: 2018
- EN 50491-5-1: 2010,  
EN 50491-5-2: 2010,  
EN 50491-5-3: 2010
- EN 61000-6-2: 2005  
EN 61000-6-3: 2007 + A1: 2011
- EN 63000: 2018

### Environmental requirements

- Ambient temp. operating: - 5 ... + 45 °C
- Ambient temp. non-op.: - 25 ... + 70 °C
- Rel. humidity (non-condensing): 5 % ... 93 %

### Mechanical data

- Housing: plastic (PC)
- DIN rail mounted device, width: 1 unit (18 mm)
- Weight: approx. 40 g

### Controls and indicators

- 2 buttons and 3 LEDs, multicolor
- KNX programming button with LED (RD)

## Ethernet

- 10BaseT (10Mbit/s)
- Supported internet protocols ARP, ICMP,

IGMP, UDP/IP, DHCP and Auto IP

- Up to 5 KNXnet/IP Tunneling connections simultaneously KNX
- Medium TP
- Interface protocol: cEMI
- Max. APDU length: 55
- Device model: System 7

## Power Supply

- KNX Bus approx.15 mA

## Connectors

- Bus connector for KNX (RD / BK)
- LAN RJ-45 socket

## Installation Instructions

- The device may be used for permanent interior installations in dry locations, within distribution boards or small casings with DIN rail.



### WARNING

- The device must be mounted and commissioned by an authorized electrician.
- The prevailing safety rules must be heeded.
- The device must not be opened.
- For planning and construction of electric installations, the relevant guidelines, regulations and standards of the respective country are to be considered.