

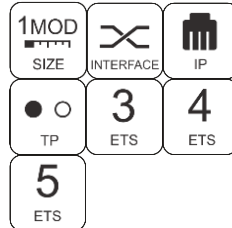
Data sheet

KNX IP Interface 731

(Art. # 5242)

Compact bus powered interface between LAN/Ethernet and KNX bus

Photo of the device

**Application area**

The KNX IP Interface 731 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 KNXnet/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
- Bus safety extra low voltage SELV DC 29 V

CE marking according to

- EMC directive 2014 / 30 / EU
- RoHS directive 2011 / 65 / EU
- EN 50491-3: 2009
- 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 50581: 2012

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

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.



- The device may be built into distribution boards (230/400V).
- 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.

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