

## Data sheet

**KNX IP Interface 731**

Compact bus powered interface between LAN/Ethernet and KNX bus



(Art. # 5242)

**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): IP20

CE marking according to

- EMC directive 2014 / 30 / EU
- RoHS directive 2011 / 65 / EU
- EN 63044-3: 2018
- EN 63044-5-1: 2019
- EN 63044-5-2: 2019
- EN 63044-5-3: 2019
- EN 61000-6-2: 2019
- EN 61000-6-3: 2021
- 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 (red)

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

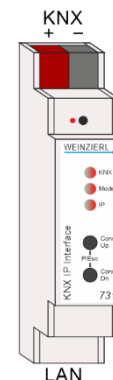
- KNX Bus approx. 15 mA

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 or within distribution boards 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.

ETS6 Database

[www.weinzierl.de/en/products/731/ets6](http://www.weinzierl.de/en/products/731/ets6)

Manual

[www.weinzierl.de/en/products/731/manual](http://www.weinzierl.de/en/products/731/manual)

CE Declaration

[www.weinzierl.de/en/products/731/ce-declaration](http://www.weinzierl.de/en/products/731/ce-declaration)

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