

Data sheet

KNX IP Router 751

Compact bus powered Router between LAN/Ethernet and KNX bus



(Art. # 5243)

Application area

The compact KNX IP Router 751 allows forwarding of telegrams between different lines through a LAN (IP) as a fast backbone. In addition this device is suited to connect a PC to the KNX network e.g. for ETS programming.

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, the tunneling and the routing part.

The KNX IP Router 751 has an extended filter table for main group 0..31 and is able to buffer up to 150 telegrams. Power is supplied via the KNX 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 50491-5-1: 2010
EN 50491-5-2: 2010, EN 50491-5-3: 2010
- EN 61000-6-2: 2019
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 (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 IP/TP
- Extended filter table for main group 0..31
- Interface protocol: cEMI
- Max. APDU length: 55
- Device model: 0x091A

Power supply

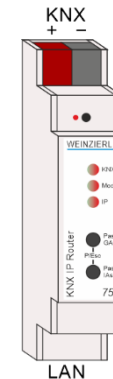
- KNX Bus approx. 15 mA

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/751/ets6

Manual

www.weinzierl.de/en/products/751/manual

CE Declaration

www.weinzierl.de/en/products/751/ce-declaration

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