

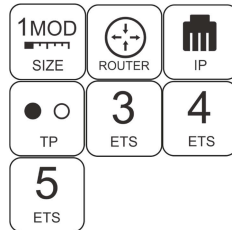
Data sheet

KNX IP Router 751

(Art. # 5243)

Compact bus powered Router between LAN/Ethernet and KNX bus

Photo of the device

**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 a filter table (8 kByte) and is able to buffer up to 150 telegrams. Power is supplied via the KNX bus.

Technical Specification

Electrical safety

- Protection (acc. EN 60529): IP 20
- Bus safety extra low voltage SELV DC 29 V

CE marking according to

- Low voltage directive 2014 / 35 / EU
- 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 IP/TP
- Filter table 8 kByte

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 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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