KNX IP Router, Ref. 9018248 EN

IP-Router / Interface between LAN and EIB bus
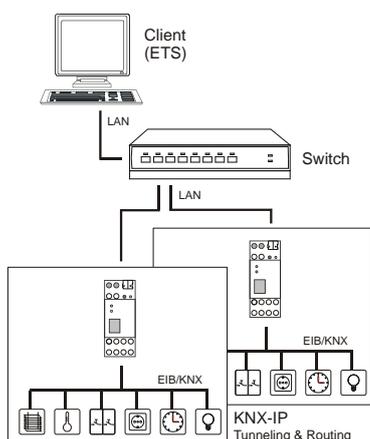
Data sheet

Application area

The KNXnet/IP router allows forwarding telegrams between different lines through a LAN (IP) as a fast backbone.

In addition this device is suited to connect a PC to the EIB 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 tunnelling and the routing part. The device supports 5 simultaneous KNXnet/IP tunnelling connections.

Typical application

The KNX IP Router 750 has a filter table and is able to buffer up to 150 telegrams.

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Technical data

Electrical safety

- Protection (EN 60529): IP 20
- Safety extra low voltage SELV DC 24 V

EMC requirements

- Complies with EN 61000-6-2, EN 61000-6-3 and EN 50090-2-2

Environmental requirements

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

Certification

- EIB

CE norm

- Complies with the EMC regulations (residential and functional buildings)

Physical specifications

- Housing: Plastic
- DIN rail mounted device, width: 36 mm
- Weight: approx. 100 g
- Fire load: approx. 1000 kJ

Operating controls

- Learning key for EIB

Indicators

- Learning-LED (red)
- Signal-LED (green) for EIB
- Signal-LED (green) for LAN

Ethernet

- 10BaseT (10Mbit/s)
- Supported internet protocols ARP, ICMP, IGMP, UDP/IP and DHCP

Power supply

- External supply 12 – 24 V
- Alternative: Power-over-Ethernet
- Power consumption: < 800 mW

Connectors

- EIB connection terminal
- LAN RJ-45 socket
- Screw connector for power supply