

# NETx KNX IP Interface

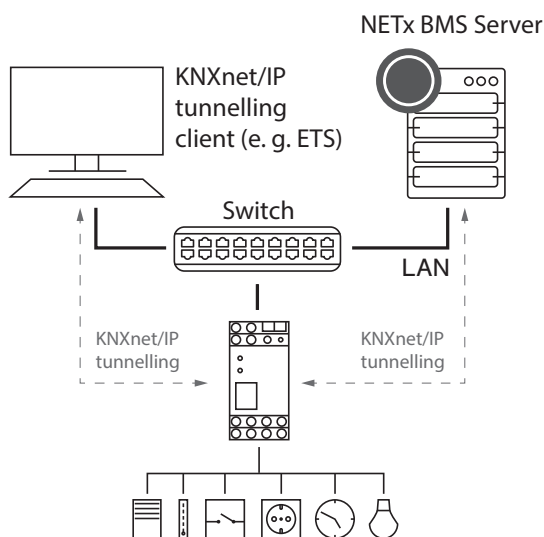
Interface between IP and KNX

## Application area

The KNXnet/IP interface is used to connect a PC (e.g. BMS server, visualization, ETS, ...) to the KNX network. The connection is made through LAN (IP). The IP address can be retrieved from a DHCP server or it can be configured manually (ETS).

This device works according to the KNXnet/IP specification using the parts core, device management and tunnelling.

Typical application



## Technical data

### Electrical safety

- Protection (EN 60529): IP 20
- Complies with EN 50491-3
- Safety extra low voltage SELV DC 24 V

### EMC requirements

- Complies with EN 61000-6-2, EN 61000-6-3, EN 50491-5-1, EN 50491-5-2 and EN 50491-5-3

### Environmental requirements

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

### Certification

- KNX

### CE norm

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

### Physical specifications

- Housing: plastic
- DIN rail mounted device, width: 2 units
- Weight: approx. 100 g

### Operating controls

- Programming button for KNX

### Indicators

- Programming LED (red)
- Signal LED (green) for KNX
- Signal LED (green) for LAN

### Ethernet

- 10BaseT (10Mbit/s)
- Supported Internet protocols ARP, ICMP, IGMP, UDP/IP, TCP/IP, DHCP and Auto IP
- Up to 5 KNXnet/IP tunnelling conn. simultaneously

### Power supply

- External supply 12-24 V AC / 12-30 V DC
- Alternative: "Power-over-Ethernet"
- Power consumption: < 800 mW

### Connectors

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