Gateway TGW-KNXURC

Gateway between URC and KNX bus

Data sheet

Application area

The TGW-KNXURC gateway is used to connect a URC Total Control system to the KNX network. The connection is made through LAN (IP).
The IP address can be obtained by a DHCP server or by manual configuration (ETS) respectively.

Figure 1: Photo of device

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

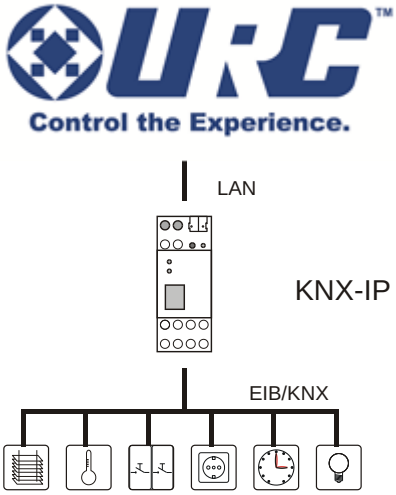

Figure 2: Typical application

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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

- Learning key for KNX

Indicators

- Learning-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 Tunneling 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