Parameters

Electrical Parameters

KNX Bus voltage	DC21-30V
KNX Bus current	5mA
External power supply	DC 24V (DC 12 to 30V)
Power consumption	typ. 520mW, max. 800mW
External current	typ. 190mA

Environmental Conditions

Working temperature	-5℃~45℃
Storage temperature	-20℃~+60℃
Relative humidity (noncondensing)	5%~93%

Approved

CE, RoHS

KNX

Product information

Dimensions	90×36(2SU)×70(mm)
Net weight	66(g)
Housing material	ABS
Installation	35mm DIN rail installation
Protection rating	IP20, EN60 529

Important Notes

Electrical safety:

- Degree of pollution   2 to IEC 60664-1
- Type of protection   IP 20 to EN 60529
- Protection class   III to IEC 61140
- Overvoltage category   III to EN 60664-1
- KNX line   SELV DC 21to 30 V
- Device complies with EN 50090-2-2, IEC 60664-1

CE mark:

- In accordance with the EMC guideline and the low voltage guideline.
- The KNX net/IP may be used for permanent interior installations in dry locations within distribution boards or small casings with 35 mm DIN EN 60715 mounting rail.
- Mounting and dismounting the KNX net/IP as for DIN EN 60715 rail equipment
- Connecting the KNX-bus line: as for common KNX-Bus connections

KNX net/IP power supply:

- Separate supply DC 24V
- Alternatively: KNX power supply without throttle
  Do not connect with the KNX-bus!

Overview

The KNX net/IP Router connects the two communication media Ethernet and KNX.

Functions

- The new KNXnet/IP Routing & Tunneling device offers as router the possibility to temporarily disable filtering of messages by pressing a button.
- This eases commissioning of the system.
- Data exchange via LAN network.
- The temporary access to other lines is possible without download from ETS.
- Faulty communication on the bus is indicated through LEDs at the device.

Installation Steps

Connections:

- Power supply (Bus connector)
- KNX-bus(Bus connector)–Ethernet connector (RJ45)
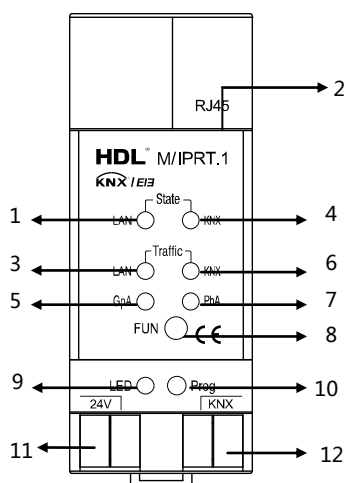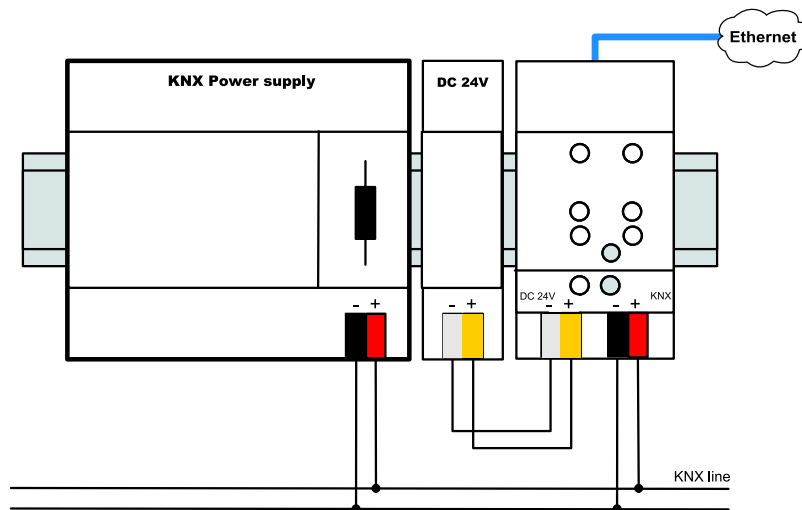 Warning: May not be connected to 230V!

KNX connector, screwless:

- KNX-Cable (2 x 0.8 mm), to be stripped and plugged into the KNX connector.

Mounting:

- On 35 mm mounting rail, DIN EN 60715.
- Connecting to Ethernet: to be connected as   for common Ethernet networks.

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Dimensions and Wiring

1. LED Bus Stat LAN
2. Ethernet connector
3. LED Traffic LAN
4. LED Bus Stat KNX
5. Routing Group Telegrams
6. LED Traffic KNX
7. Routing physical addressed
8. Function button Telegrams
9. Programming LED
10. Programming button
11. Power Input:DC24V
12. KNX-BUS connector

Safety Precautions ⚠ WARNING

- The KNX net/IP Router must be mounted and commissioned only by an authorised electrician.
- When connecting the Module ensure that it can be isolated.
- The housing 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.
- Do not let liquids and corrosive gases come into contact with the module.
- Ensure good ventilation.

Package Contents

- Device*1 / Datasheet*1

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