**Parameters**

**Electrical Parameters**
- KNX Bus voltage: DC 21-30V
- 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°C to 45°C
- Storage temperature: -20°C to +60°C
- Relative humidity (noncondensing): 5% to 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 21 to 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
  
  **Warning:** Do not connect with the KNX-bus!

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**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.
Dimensions and Wiring

Safety Precautions

- 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