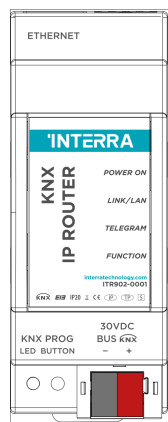


## KNX IP Router



<b>Product Code</b>	ITR902-0001
<b>Power Supply</b>	KNX Power Supply
<b>Current Consumption</b>	< 25 mA
<b>IP Connection</b>	RJ45 Ethernet Connector
<b>Mode of Commissioning</b>	S-Mode
<b>Type of Protection</b>	IP 20
<b>Temperature Range</b>	Operation (-5°C...45°C) Storage (-20°C...60°C)
<b>Maximum Air Humidity</b>	< 90 RH
<b>Colour</b>	Light Grey and White
<b>Dimensions</b>	90 x 36 x 71 mm (H x W x D)
<b>Certification</b>	KNX Certified
<b>Configuration</b>	Configuration with ETS

### DESCRIPTION

ITR902-0001 is a KNXnet/IP routing & tunnelling device and works as a KNX IP line/area coupler. An external power supply is not necessary. The ability to address all bus devices in the KNX bus system makes network operations less time-consuming. Operational and filtering states, malfunction and faulty communication are indicated by LEDs. UPnP is available and the firmware can be updated by a comfortable Web front-end.

ITR902-0001 connects the two communication media Ethernet/IP and KNX TP to feature (for all bus devices connected):

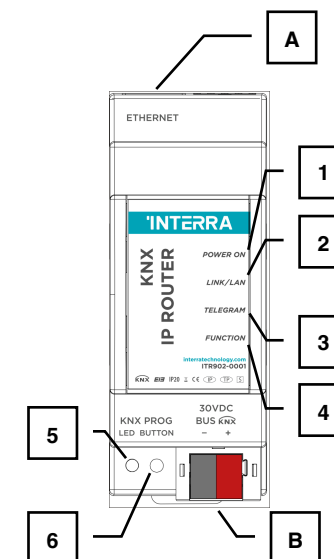
- Commissioning
- Addressing
- Setting parameters
- Visualization
- Protocol
- Diagnostic operations

TR902-0001 can filter the traffic according to the bus system's installation hierarchy and the built-in filter tables for group-oriented communication. Configuring from the subline can be blocked. Message filtering can be temporarily deactivated by a single button press. The period to automatically switch back to normal operation is ETS-configurable. To ease commissioning, temporary access to other lines is possible also without download from the ETS.

### MOUNTING, COMMISSIONING AND SAFETY NOTES

- The device may only be installed and put into operation by a qualified electrician or authorized personnel.
- For planning and construction of electric installations, the appropriate specifications, guidelines and regulations in force of the respective country have to comply.
- For mounting, only use appropriate equipment according to IEC60715.
- Installation only in distribution boards and enclosed housings.
- Installation only on a 35 mm DIN rail (TH35).
- Connect the KNX bus line as for common KNX bus connections with a KNX bus cable, to be stripped and plugged into a KNX TP connector.
- Installation only in dry locations.
- Accessibility of the device for operation and visual inspection must be provided.
- For commissioning, use the ETS.

### CONNECTION DIAGRAM



1. Power LED
2. Link/LAN State LED
3. Telegram Traffic
4. Function LED
5. KNX Programming LED
6. Programming Button

- A. Ethernet Connector  
B. KNX TP Connector