Description of the Device

- IP Router can be used as a line or backbone coupler and provides a data connection between the upper KNXnet/IP and the lower TP KNX bus line. However, it also provides an electrical isolation between connected lines.

- IP router is a tunneling and routing device. It is used as a gateway between IP and KNX bus line for commissioning and monitoring purposes. (It is also possible to simultaneously create 4 KNXnet/IP connections).

- Simultaneous connection to two different KNX systems and transmission of telegrams between the local network and different buses

- IP address assignment can be done manually or by DHCP server.

- Option to block or allow telegrams between KNX and IP regarding configured filter table

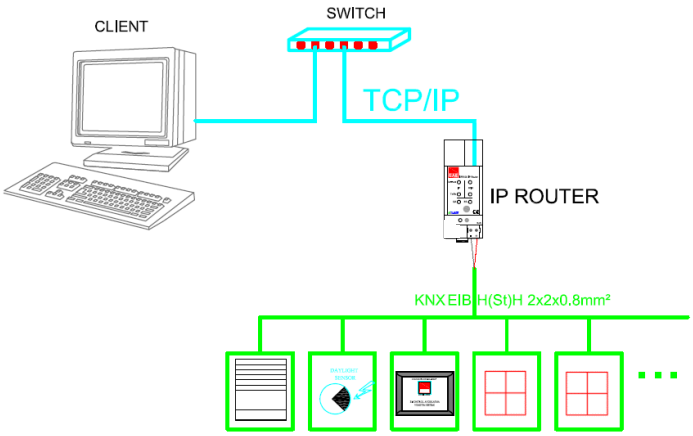
- Deactivation of filter table using on-device buttons for quick diagnosis

- Functional status information with 6 LEDs on device

Technical Data

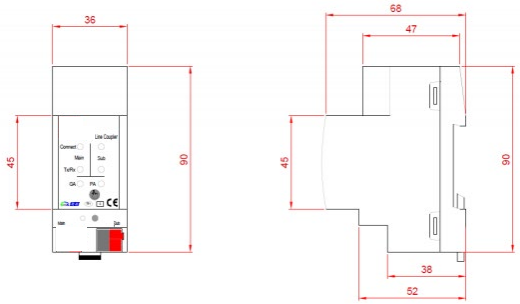
Protection Type	- IP 20	IEC 60 529
Safety Slass	- III	IEC 61140
Power Supply	- Bus - Current consumption	DC 21…30V SELV < 20 mA
Connections	- IP Line - KNX Line	RJ45 socket for 10/100BaseT, IEEE 802.3 Bus connection terminal
Display Elements	- LED Power LED LAN-OK LED LAN-RX/TX LED for programming mode	LED Error LED KNX-OK LED KNX-RX/TX
Operating Elements	- Function button, programming button	
Installation	- 35mm DIN rail mount	EN 60 715 TH 35-75
Degree of Pollution	- 2	IEC 60664
Overvoltage Class	- III	IEC 60664
Temperature Range	- Operation - Storage	-5° C + 45° C -20° C + 60° C
Humidity		%5 to 93 % non-condensing
Dimensions	-H x W x D Width W in mm Width W in units (18 mm modules)	90 mm x W x 70 mm 36 mm 2 modules Mounting depth 64 mm
Weight	68 g	
Box	Plastic PA66 housing grey	
CE	in accordance with EMC and low voltage directives	

Operation and Display



Installation

Device is compatible for mounting to 35 mm DIN rail EN 60 715.



Connection

KNX Bus must be connected to the KNX connection terminal. Ensure that colour of cables are connected accurate. Load connections are made using screw terminals. Electrical connections are made using screw terminals. Terminal names can be found on the device and user manual.

Commissioning

Determination of the physical address and setting of parameters are actualized with Engineering Tool Software (ETS4 or higher). ".knxprod" file must be imported to the ETS.

A detailed information about parameter configuration can be found in Product Manual of device.

Installation and commissioning of device may only be implemented by trained electricians. The relevant standards, directives, regulations and instructions must be observed when planning and implementing the electrical installation.
-When connecting the device make sure that the device can be isolated!
-Protect the device against moisture, dirt and damage during transport, storage and operation!
-Do not operate the device out of the specified technical data which is stated.
-The device may only be operated in closed enclosures (Distribution boards)

Cleaning

If device becomes dirty, only a dry cloth can be used for cleaning. İt is not suitable to use wet cloths, caustics and solvents.