General Description

- EAE KNX 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.
- EAE KNX IP Router is a tunneling and routing device. It creates a connection point for ETS to enable commissioning and monitoring via tunneling protocol. (4 simultaneous KNXnet/IP connections are possible)
- The device makes possible to connect two separate KNX installations and allows conducting of telegrams between different lines through LAN as a fast backbone.
- IP address of device can be given by DHCP server or by manual configuration.
- Device can block or transmits telegrams between KNX line and IP medium according to settings of filter table.
- It is possible to switch off the filter table with a button on device without reconfiguring ETS parameters for fast diagnostic on site.
- Filter tables and filtering of device oriented tables can be switched on automatically after ETS configurable time out.
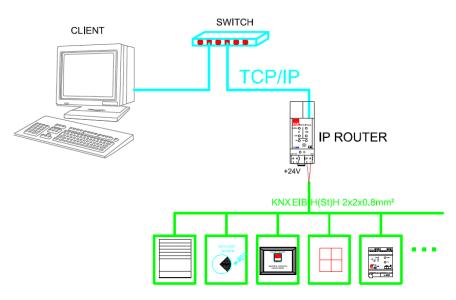- Detailed information for diagnosis by displaying operational states with 6 duo led.

Technical Data

Power supply :	- Supply Voltage	DC 24 V (12V… 30V DC)
	- Bus	DC 21…30V SELV
	- Current consumption from KNX	Typ. 5 mA
	- Current consumption	Typ. 190 mA
	- Power Consumption	Typ. 520 mW, max 800 mW
Connections	- IP Line	RJ45 socket for 10/100BaseT, IEEE 802.3 networks
	- KNX Line	Bus connection terminal
Display elements	- LED Power	LED Error
	LED LAN-OK	LED KNX-OK
	LED LAN-RX/TX	LED KNX-RX/TX
	LED for programming mode	
Operating elements	- Function button, programming button	
Installation	- 35mm DIN rail mount	EN 60 715 TH 35-75
Type of protection	- IP 20	EN 60 529
Safety class	- III	IEC 61140
Degree of Pollution	- 2	IEC 60664-1
Overvoltage class	- III	IEC 60664-1
Temperature range	- Operation	-5° C + 45° C non-condensing
	- Storage	-20° C + 60° C
Humidity		%5 to 93 % no moisture condensation
Dimensions	-H x W x D	90 mm x W x 70 mm
	Width W in mm	36 mm
	Width W in units (18 mm modules)	2 modules
		Mounting depth 64 mm
Weight	66 g	
Box	Plastic PA66 housing grey	
CE	in accordance with EMC and low voltage guidelines Device complies with, EN 50090-2-2, IEC 60664-1	

Connection Example

CLIENT   SWITCH

TCP/IP

IP ROUTER

+24V

KNX EIB H(St)H 2x2x0.8mm²

Scale Drawings

35

45   90

68

47

45   90

38

52