

Description of the Device



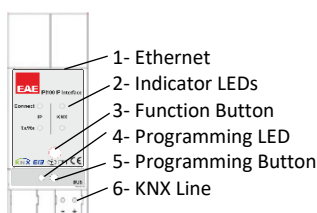
- EAE KNX IP Interface provides a data connection between the upper KNXnet/IP and the lower TP KNX bus line. IPI100 IP Interface also provides an electrical isolation between connected lines.

- EAE KNX IP Interface is a tunneling device. It creates a connection point for ETS to enable commissioning and monitoring via tunneling protocol.

- IP address of device can be given by DHCP server or by manual configuration.

- Detailed information for diagnosis by displaying operational states with 4 duo led.

Device Peripherals



Operating LEDs

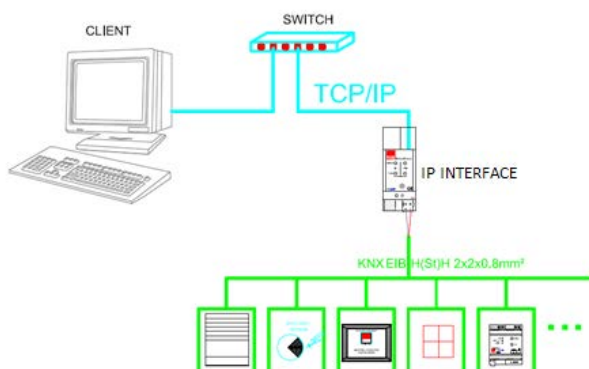
Indicator	Green	Blinked Green	Red	Blinked Red	Off
Connect – IP	IP line OK	-	-	-	No IP Line connection
Connect – KNX	KNX line OK	-	-	-	No KNX Line connection
Tx/Rx – IP	-	Traffic on IP line	-	Transmission Error on IP line	No traffic on IP line
Tx/Rx – KNX	-	Traffic on KNX line	-	Transmission Error on KNX line	No traffic on KNX line
Programming LED	-	-	Prg. mode	NO IP Line Connection	Programming mode de-active

Function Button

Very long press (15s)

- LEDs: LEDs are on red
- Press and release button after 15 sec and press again for 3 sec: resets all the parameter to factory default (incl. physical address).

Operation and Display

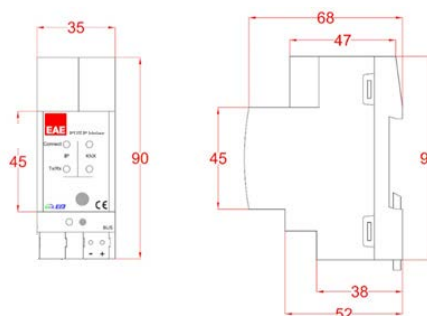


Technical Data

Protection Type	IP 20	IEC 60 529
Safety Class	III	IEC 61140
Power Supply	Bus	DC 21...30V SELV
	Current consumption	< 20 mA
Connections	IP Line	RJ45 socket for 10/100BaseT, IEEE 802.3
	KNX Line	Bus connection terminal
Display Elements	LED LAN-OK	LED KNX-OK
	LED LAN-RX/TX	LED KNX-RX/TX
	LED for prog. mode	
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	-5° C + 45° C
	Storage	-20° C + 60° C
Humidity	%5 to 93 % non-condensing	
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	68 g	
Box	Plastic PA66 housing grey	
CE	In accordance with EMC and Low Voltage guidelines	

Technical Drawings

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



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.

i 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. It is not suitable to use wet cloths, caustics and solvents.