

Connection

1. Physical address label
2. Reset LED
3. Overload LED
4. Power LED
5. Reset Button
6. Voltage output 1 (KNX)
7. Voltage output 2

Description of the Device

EAE KNX Power Supply is available in two models: PS320 mAh, PS640 mAh. Voltage output is short-circuit and overload protected. The bus line is decoupled from power supply by an integrated choke. Both models have an additional 30 V DC short-circuit and overload protected voltage output. It can be used to power an additional bus line in combination with a separate choke.

Technical Data

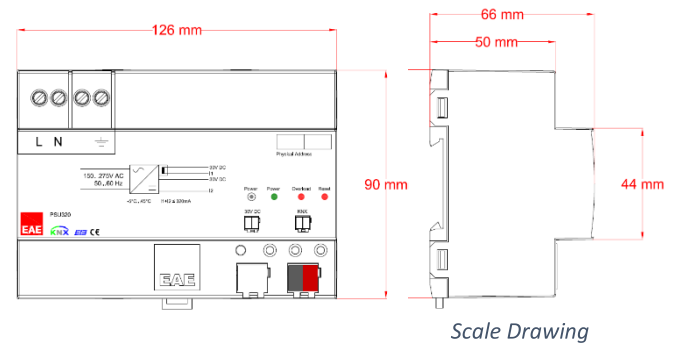
Type of protection	IP 20	-EN 60 529
Safety class	II	-EN 61 140
Insulation category	Overvoltage category III	EN 60 664-1
	Pollution degree 2	EN 60 664-1
Main Supply	-Input voltage	150-275V AC, 50-60 Hz
	-Power consumption PS320	11,5 W
	-Power consumption PS640	22 W
	-Power loss PS320	2 W
	-Power loss PS640	3,6 W
Output 1	-KNX bus	30 VDC +1/-2 V, SELV (integrated choke)
	Short-circuit current PS320	1 A
	Short-circuit current PS640	1,5 A
Output 2	-Additional power	30 VDC +1/-2 V, SELV (without choke)
Connections	Screw terminal	
	0,2 - 5,3 mm ² solid and stranded wire	
	0,2 - 5,3 mm ² stranded wire with ferrule	
	Maximum torque	0,78 Nm
Installation	-35mm mounting rail	-EN 60 715
Temperature range	Ambient	-5° C + 45° C
	Storage	-25° C + 55° C
Humidity	Max. air humidity	95 % no moisture condensation
Dimensions	60 x W x 90 mm	W=126 mm
	7 modules (18 mm module)	
Weight	PS320	0.28 kg
	PS640	0,29 kg
Box	Plastic, polycarbonate, colour grey	
CE	In accordance with the EMC guideline and low voltage	

Operation and Display

- POWER LED (green):** Device is working properly.
- OVERLOAD LED (red):** Overload or short-circuit.
- RESET BUTTON and LED (red):** Press and hold reset button until reset LED lights up. KNX bus will have no power for 20 seconds. After reset operation, LED will turn off.

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 cable is connected accurate. Electrical connections are made using screw terminals. Terminal names can be found on the device and user manual.

Commissioning

- ! 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.