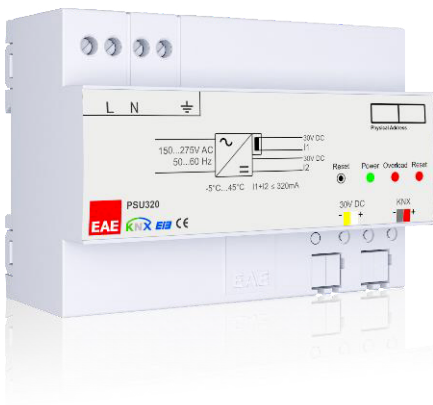


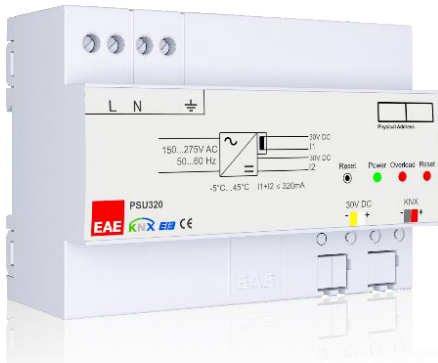
# Datasheet PS320/PS640

## **EAE KNX Power Supply**

*All you need is EAE*



### General Features



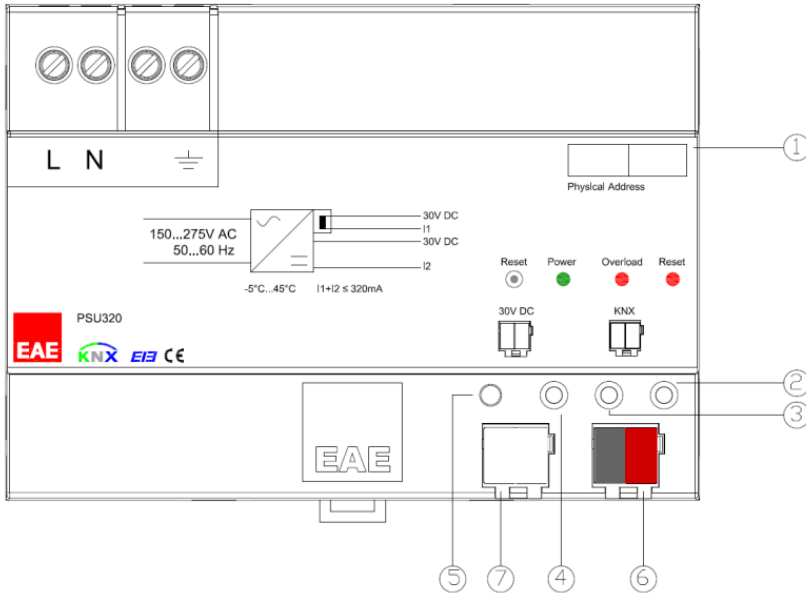
- EAE KNX Power Supply is available in 320 mA and 640 mA versions.
- Input voltage range 150-275V AC, 50 60Hz
- Both models have two voltage outputs.
  - Output 1: KNX bus power with an integrated choke. (30VDC, SELV)
  - Output 2: Additional voltage output. (30VDC, SELV)
- Power supply outputs are short-circuit and overload protected.
- Power, Overload and Reset statuses are indicated with three different LED indicators.
- Device can be restarted by pressing reset button on the device.

\*Differences of two models are defined in Technical Data section.

### Technical Data

<b>Protection Grade</b>	IP 20	EN 60 529
<b>Safety Class</b>	II	EN 61 140
<b>Insulation category</b>	Over voltage category	III EN 60 664-1
	Pollution degree	2 EN 60 664-1
<b>Main Supply</b>	Input voltage	150-275V AC, 50-60Hz
	Power consumption PS320	11,5 W
	Power consumption PS640	22 W
	Power loss PS320	2 W
	Power loss PS640	3,6 W
<b>Output</b>	Output 1	KNX bus 30 VDC +1/-2 V, SELV (integrated choke)
	Output 2	30 VDC +1/-2 V, SELV (without choke)
	Short-circuit current PS320	1 A
	Short-circuit current PS640	1,5 A
<b>Connections</b>	Screw terminal	0,2 – 5,3 mm <sup>2</sup> solid and stranded wire 0,2 – 5,3 mm <sup>2</sup> stranded wire with ferrule
	Maximum torque	0.78 Nm
	KNX	Red-Black KNX bus
<b>Installation</b>	35mm mounting rail	EN 60 715
<b>Operational elements</b>	Power (green)	ON: Input voltage and KNX voltage is OK.
	Overload (red)	ON: Overload or short-circuit.
	Reset button and LED (red)	ON: Reset in progress. Press and hold reset button until the reset LED lights up. No power on KNX bus for 20 s. After reset, rest LED will turn off.
<b>Temperature</b>	Ambient	-5° C + 45° C
	Storage	-25° C + 55° C
<b>Humidity</b>	Max. air humidity	95 % no moisture condensation
<b>Dimensions</b>		60 x W x 90 mm
	Width G (mm)	126 mm
	Width G (unit)	7 module (18 mm module)
<b>Weight</b>	PS320	0.28 kg
	PS640	0,29 kg
<b>Kutu</b>	Plastic, polycarbonate, colour grey	
<b>CE</b>	In accordance with the EMC guideline and low voltage	

### Operation and Display



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

### Scale Drawing

