MX KNX - POWER SUPPLY

MX-PSU320/640
POWER SUPPLY - 320mA/640mA

General Features

- MX 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.

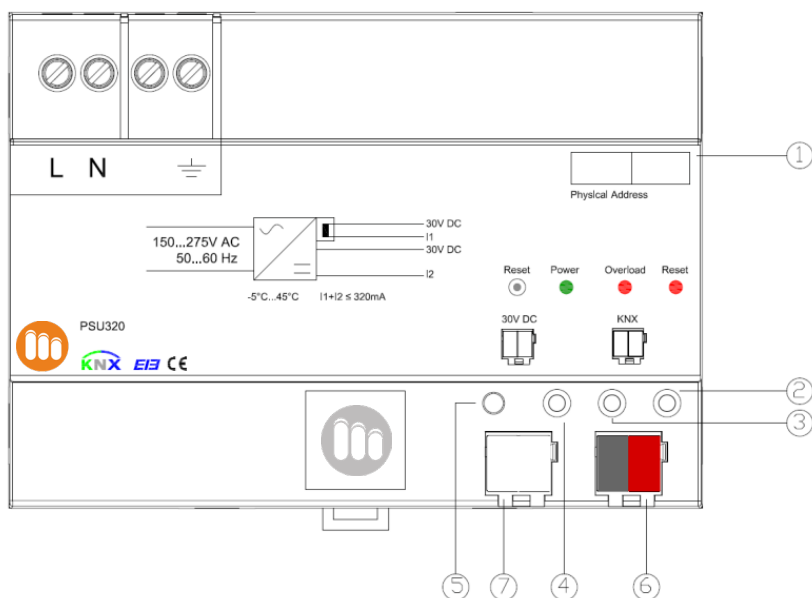** Differences of two models are defined in Technical Data section.*

Technical Data

Protection Grade	IP 20	EN 60 529
Safety Class	II	EN 61 140
Insulation category	Over voltage category	III EN 60 664-1
	Pollution degree	2 EN 60 664-1
Main Supply	Input voltage	150-275V AC, 50-60Hz
	Power consumption PS320 Power consumption PS640	11,5 W 22 W
	Power loss PS320 Power loss PS640	2 W 3,6 W
Output	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
Connections	Screw terminal	0,2 – 5,3 mm² solid and stranded wire 0,2 – 5,3 mm² stranded wire with ferrule
	Maximum torque	0.78 Nm
	KNX	Red-Black KNX bus
Installation	35mm mounting rail	EN 60 715
Operational elements	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, reset LED will turn off.
Temperature	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
	Width G (mm) Width G (unit)	126 mm 7 module (18 mm module
Weight	PS320 PS640	0.28 kg 0,29 kg
Kutu	Plastic, polycarbonate, colour grey	
CE	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