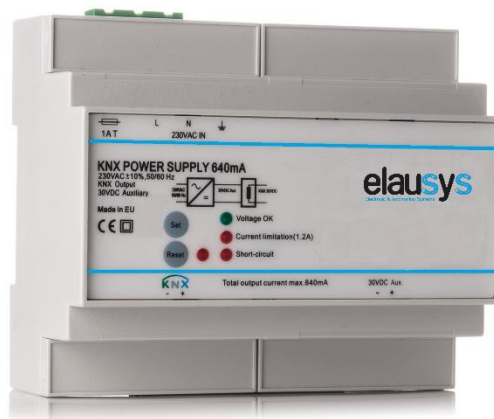
	<b>Datasheet</b>	Doc.Ref : PS-640_DS
	<b>PS-640 – KNX Power Supply 640mA</b>	Revision : 1.00
		Page : 1 of 3


# ***ELAUSYS***

## ***PS-640***

### **KNX Power Supply 640mA Datasheet**



<b>Document history</b>			
<b>Version.</b>	<b>Date</b>	<b>Author</b>	<b>Comment</b>
1.00	25-JAN-2017	NDE	First issue

	<b>Datasheet</b>	Doc.Ref : PS-640_DS
	<b>PS-640 – KNX Power Supply 640mA</b>	Revision : 1.00
		Page : 2 of 3

## 1. DESCRIPTION

The **KNX POWER SUPPLY 640mA** is a DIN Rail mounted KNX device with integrated choke, to directly power a KNX line. An auxiliary 30V output is available for some extra loads, as displays, binary inputs or the Elausys Master Actuator,...

## 2. FUNCTIONALITIES

### KNX POWER SUPPLY **640mA**

Integrated KNX choke

230VAC, 50/60Hz input, protected by 1A T replaceable fuse

KNX line output

### **Auxiliary 30VDC output**


Total output current limitation approx. 1.2A

Output overvoltage protection

Reset circuit, Set / Reset button on front panel

LED indicators for **voltage OK, Current limitation, Short-Circuit, Reset**

3-Stage KNX overvoltage protection

	<b>Datasheet</b>	Doc.Ref : PS-640_DS
	<b>PS-640 – KNX Power Supply 640mA</b>	Revision : 1.00
		Page : 3 of 3

### 3. CHARACTERISTICS

TECHNICAL DATA	VALUE
<b>Housing</b>	106mm (6 units) x 110 x 60mm
Mounting	To be mounted on 35mm DIN Rail
Housing material	UL94-V0 flame retardant polycarbonate
Protection degree	IP20
Weight	0.300kg
<b>Operating temperature</b>	-5°C ... +45°C
<b>Terminals Mains voltage / Low voltage</b>	Pluggable screw terminals, 15A 500V / 8A 160V
Wire section	2.5mm <sup>2</sup> (14AWG) / 1.5mm <sup>2</sup> (16AWG)
Clamp opening size	2.8x3.1mm / 1.8x2.6mm
Screw	M3 / M2
Maximum torque	0.5Nm (4.5in.lbs.) / 0.25Nm (2.3in.lbs.)
<b>Input</b>	230VAC, 50Hz
Replaceable fuse	Subminiature fuse, 8.5mm, 1A time-lag T, 250VAC, IEC 60127-3
<b>Output KNX / Auxiliary</b>	29VDC, after included KNX choke / 30VDC, before choke
Current	Total limited to approx. 1.2A (above, voltage decrease)
Efficiency	85%
<b>KNX Standard</b>	V1.0 Basic components and standardized solutions.
<b>EMC</b>	EN 61000-4-2 EN 61000-4-3
	EN 61000-4-4 EN 61000-4-5
	EN 55022-B EN 61000-4-11