

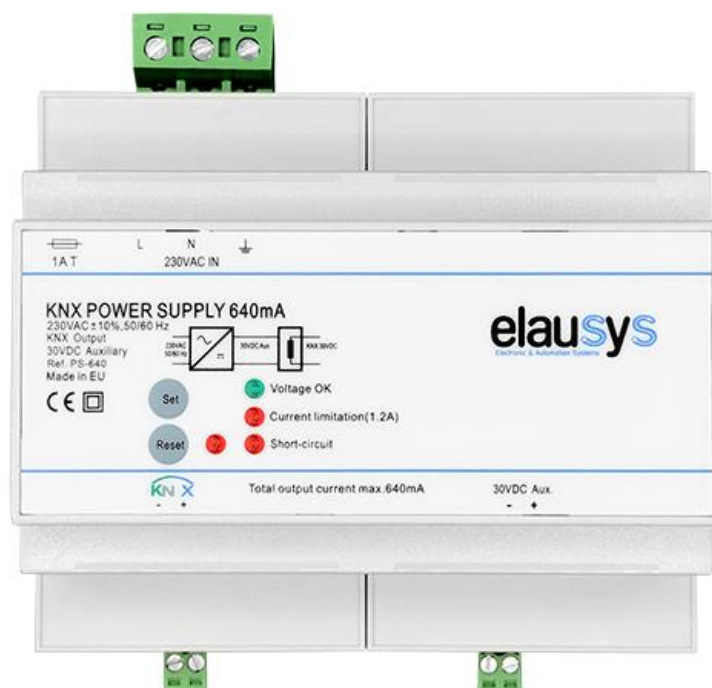
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ELAUSYS

PS-640

KNX Power Supply 640mA

Datasheet



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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

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3. CHARACTERISTICS

TECHNICAL DATA	VALUE
Housing	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
Operating temperature	-5°C ... +45°C
Terminals Mains voltage / Low voltage	Pluggable screw terminals, 15A 500V / 8A 160V
Wire section	2.5mm ² (14AWG) / 1.5mm ² (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.)
Input	230VAC, 50Hz
Replaceable fuse	Subminiature fuse, 8.5mm, 1A time-lag T, 250VAC, IEC 60127-3
Output KNX / Auxiliary	29VDC, after included KNX choke / 30VDC, before choke
Current	Total limited to approx. 1.2A (above, voltage decrease)
Efficiency	85%
KNX Standard	V1.0 Basic components and standardized solutions.
EMC	EN 61000-4-2 EN 61000-4-3
	EN 61000-4-4 EN 61000-4-5
	EN 55022-B EN 61000-4-11