

Datasheet

KNX POWER SUPPLY 640mA
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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, ...

Functional description

- 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 / Rest button on front panel
- LED indicators for **voltage OK, Current limitation, Short-Circuit, Reset**
- 3-Stage KNX overvoltage protection

Technical Data

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 Standart	V1.0 Basic components and standardised 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