



KP/D30.640.1

EIB/KNX power supply produces and monitors EIB / KNX system voltage. The bus line is decoupled from the power supply with the integrated choke.

The power supply is connected to the bus line with a bus connection terminal. A reset is triggered by pressing the reset push button and lasts 22 seconds (regardless of the duration of the push button action). The bus line disconnected from the power supply and the devices connected to this bus line are returned to their initial state. If the line should be disconnected for a longer period, the bus connection terminal must be removed from power supply.

A 30V DC auxiliary voltage is made available via an additional connection terminal. This voltage can be used to supply a further bus line (in connection with a separate choke).

<b>Power supply</b>	Input voltage:	95V ~255 V AC, 47~63Hz
	Power loss:	<6 W
	Efficiency:	75%
<b>Output</b>	EIB/KNX output (DPSU)	1 line with integrated choke
	EIB/KNX nominal voltage	30 V DC +1/-2 V, SELV
	Auxiliary voltage output	1 (without choke)
	Auxiliary voltage	30 V DC +1/-1 V, SELV
	EIB/KNX nominal current	(Total of EIB/KNX and auxiliary voltage output) 640 mA, short-circuit-proof
	Sustained short-circuit current	< 1.3 A
	Mains failure back-up time	>200ms
<b>Operating and display</b>	Green LED “ON”	output voltage is OK
	Red LED “I>Imax”	overload or short circuit
	Reset push button	reset at the EIB / KNX output (starts when the push button is pressed and lasts 22 seconds)
	Red LED	Reset at the EIB/KNX output
<b>Connections</b>	power supply	2-srew terminals
	EIB/KNX output	Bus connection terminal (black/red)
	Auxiliary voltage output	connection terminal (yellow/grey)
	Cable cross-section	single-core 0.2—4.0mm <sup>2</sup> Multi-core 0.2—2.5mm <sup>2</sup>
<b>Temperature range</b>	Operation	- 5 °C ... 45 °C
	Storage	- 25 °C ... 55 °C
	Transport	- 25 °C ... 70 °C
<b>Mounting</b>	On 35mm mounting rail	
<b>Dimensions</b>	90 mm×108 mm×70.56mm	
<b>CE norm</b>	In accordance with the EMC guideline and the low voltage guideline	
<b>Weight</b>	0.2kg	

### Normal Working Test:

Switch on the mains voltage once the device has been correctly installed, the green LED “ON”, all other LEDs are switched off, the device is functioning correctly.