Power supply 160 mA – 320 mA – 640 mA

Power supply for generating the bus voltage on line with a max. current of 160 mA, 320 mA oder 640 mA depending on the model. With integrated choke to decouple the power supply from the bus.

Technical data:	
Connections	Bus line connection terminal, max. wire cross-section 0.8 mm2
	Power supply 230V with plug-in terminals, max. cable cross-section 2.5 mm2
Supply	Mains voltage 230V AC, 50-60 Hz
Output voltage	29 ± 1V DC
Output current / model	max. 160mA, 320mA, 640mA with short circuit protection
Controls	1 switch reset Output power
Mounting / Dimensions	
160 mA + 320 mA	90 x 72 x 58mm (W x H x D)
640 mA	90 x 110 x 58mm (W x H x D)
Weight	Ca. 240g
Mounting	On rail DIN, 4 or 6 mod. (PLE=18mm)
The appliance is intended for use in closed and dry rooms.	
Ambient temperatur	
Operating temperature	-5°C - +45°C
Storage temperature	-25°C - +70°C
Relative humidity	Max. 93% non condensing
Display	
	1 green LED for busbar
	1 red LED for overload maintenance

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KNX Line coupler

The KNX bus line coupler can be used as a line coupler to connect a line to a main line or as a background coupler to connect a main line to an area line. The KNX line coupler supports long messages (up to 250 bytes) and offers configurable activation of a special function via a button on the front, which is very useful during the commissioning/installation phase or tuning.

Technical data:	
Connections	KNX/EIB Instabus connection terminal f. higher- and lower-level line
Supply	From KNX Bus 21..32V DC SELV
Control elements	1 Button: Programming for ETS
Mounting / Demensions	
Dimensions	80 x 36 x 58mm (W x H x D)
Weight	Ca. 66g
Mounting	On rail DIN, Width: 2 mod. DIN
The appliance is intended for use in closed and dry rooms.	
Ambient temperatur	
Operating temperature	-5°C - +45°C
Storage temperature	-20°C - +60°C
Relative humidity	max. 93% non condensing
Display	
	LED bus status main line
	LED bus status lower main line
	LED Data traffic upper main line
	LED data traffic subordinate line
	LED Group address
	LED Physical address
	Function key
	Programming LED
	Programming button
	KNX bus connection: Main line
	KNX bus connection: subordinate line

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KNX USB Interface

The USB 1.1 or 2 interfaces for direct connection to your computer.

KNX IP Interface

The IP interface for direct or LAN connection, for programming or monitoring the KNX system.

KNX IP Router

The IP router is used for connectionless and simultaneous transmission of KNX telegrams to different devices. It can also be used as a KNX bus system programming interface.

Technical data:	
Connections	Bus line with bus connection terminal, max. wire cross-section 0.8mm².
	USB Typ B socket
	EIB/KNX Clamp terminals
	LAN RJ-45 socket
	Screw connection for power supply
Power supply	
	From KNX bus 21 - 30V DC SELV <300mW
	Additional 5V DC <200mW Trough USB for KNX/USB interface
	Additional 12/24V DC for KNX/IP interface
	Additional 12/24V DC for KNX/IP router
Mounting / Dimensions	
Dimension	90 x 36 x 65mm (B x H x T)
Weight	Ca. 100g
Mounting	Quick release on top hat rail, PLE=18mm, 2 mod. DIN
The appliance is intended for use in closed and dry rooms.	
Ambient temperature	
Operating temperature	-5°C - +45°C
Storage temperature	-25°C - +70°C
Relative humidity	Max. 93%, non condensing
Display	
	1 green LED active connection
	1 yellow LED reports data traffic