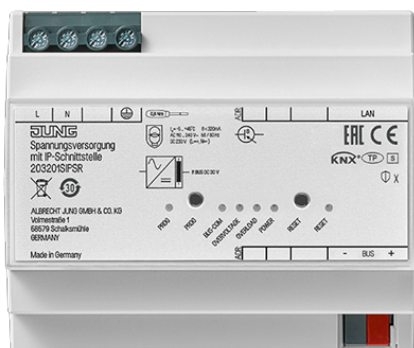


Product data sheet

Power supply with IP interface



Reference number

20320 1S IPS R

KNX power supply 320 mA with IP interface

Rail mounting device, 6 rail units
 Project design and commissioning with ETS5 or a more recent version.
 ETS product family: System components
 Product type: Power supply

The device is compatible with KNX Data Secure. KNX Data Secure offers protection against manipulation in building automation. A dedicated application is required for secure operation. Additional information is available at: KNX Secure

Intended use

- Supplying KNX devices with bus voltage
- Connection between KNX devices and PC or other data processing devices via IP
- Operation as data interface
- Mounting on DIN rail according to EN 60715 in distribution boxes

Product characteristics

- Output with integrated choke for supplying KNX bus lines
- Reset of KNX lines via reset button or communication object
- Short-circuit proof
- Overvoltage proof
- No-load protection
- KNX Data Secure compatible with ETS 5.7.3 or higher
- KNX IP Secure compatible with ETS 5.7.3 or higher
- LED display for KNX communication, Ethernet communication and programming mode
- Configuration via ETS
- SNTP server
- Max. 8 connections to IP terminal devices, e.g. for simultaneous visualisation and configuration
- Electrical isolation between KNX and IP network

Application program A (delivery state):

- Presence control: with key card holder or presence detector
- Welcome/Goodbye scenes

Or alternatively application program B (V02 or higher and in combination with remote access licence ref.-no. IPS-L):

- Encrypted access to KNX devices for configuration and maintenance outside the local network
- Enabling access via communication objects
- Feedback on access and programming processes via communication objects

Technical data

Rated voltage:	AC 110 ... 240 V (± 10 %)
Mains frequency:	50/60 Hz
Power loss (max. load on all outputs):	max. 1.4 W

Efficiency:	approx. 88 %
Rated voltage:	DC 230 V (± 10 %)
Rated capacity:	12 W
KNX	
KNX medium:	TP 256
Bus output voltage:	DC 28 ... 31 V SELV
Output current:	320 mA
Short-circuit current:	max. 1 A
Parallel operation with identical power supply:	no
Connection, KNX:	terminal
IP communication:	Ethernet 10/100 BaseT (10/100 Mbit/s)
IP connection:	RJ45 socket
Ambient temperature:	-5 ... +45 °C
Storage/transport temperature:	-25 ... +75 °C
Relative humidity:	max. 93 % (no condensation)
Mounting width:	108 mm (6 rail units)
Connection mode:	screw terminals
single wire:	1 x 1 ... 4 mm ²
stranded without ferrule:	1 x 1 ... 4 mm ²
stranded with ferrule:	1 x 1 ... 2.5 mm ²

