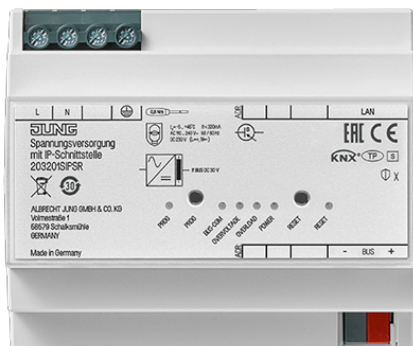


# Product data sheet

## 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

### 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 box

### 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

### Requirements for administered networks

- TCP port 3672 for the IP device
- TCP port 3671 for the PC with ETS
- DNS address 9.9.9.9 with static network (for NTP server)
- Remote host access: ipsremote.jung.de

### Technical data

|                                                 |                                         |
|-------------------------------------------------|-----------------------------------------|
| Rated voltage:                                  | AC 110 ... 240 V ( $\pm 10\%$ )         |
| Mains frequency:                                | 50/60 Hz                                |
| Power loss (max. load on all outputs):          | max. 1.4 W                              |
| Efficiency:                                     | approx. 88 %                            |
| Rated voltage:                                  | DC 230 V ( $\pm 10\%$ )                 |
| 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:                                | connection terminal                     |
| IP communication:                               | Ethernet 10/100 BaseT (10/100 Mbit/s)   |
| IP connection:                                  | RJ45 socket                             |
| Ambient temperature:                            | $-5 \dots +45\text{ }^{\circ}\text{C}$  |
| Stora/transport temperature:                    | $-25 \dots +75\text{ }^{\circ}\text{C}$ |
| Relative humidity:                              | max. 93 % (no condensation)             |
| Mounting width:                                 | 108 mm (6 rail units)                   |
| Connection mode:                                | screw terminals                         |
| single wire:                                    | 1 x 1 ... 4 mm <sup>2</sup>             |
| stranded without ferrule:                       | 1 x 1 ... 4 mm <sup>2</sup>             |
| stranded with ferrule:                          | 1 x 1 ... 2.5 mm <sup>2</sup>           |

