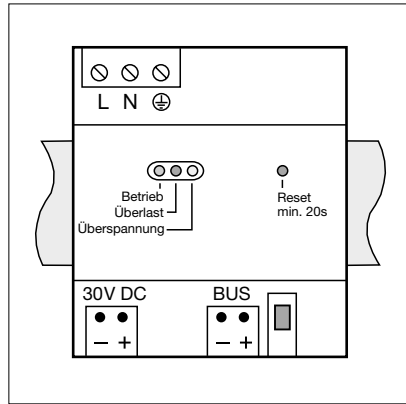


System Devices

Power Supply

1



2

	Ref.-No.
KNX power supply 320 mA	2005 REG
ETS-product family:	System components
Product type:	Power supply
Series embodiment (SE)-device (4 units)	

3

The power supply 320 mA produces and controls the system power for the KNX. The devices can be connected to a bus line via the terminal BUS, without an additional choke. Furthermore, the power supply offers a 30 V DC output to supply a further bus line (i.e. main line). For this an additional choke is required. Alternatively, that output can be used as a power supply for any further low voltage equipment. The connection of the bus by a bus terminal on the device does not require any data rail. The distribution of the load (KNX devices) is flexible on both outputs, but the rated current of 320 mA is the total limit. There is one reset switch on the device to short-circuit the bus line. The operation time for a reset should be at least 20 sec.

Four LED's are indicating the different operation status:

LED-indication: 1st red LED: short-circuit or overload
green LED: normal operation
yellow LED: over voltage, when bus voltage > 31 V DC
2nd red LED: reset 1 for bus line 1

4

Technical data:**Input supplying****Voltage:**

161 V – 264 V AC, 50-60 Hz
Operation with 2 lines of 110 V mains possible !
176 V – 270 V DC (for emergency power supply)

Power consumption:

< 5 W under normal operation

Connection:

screw terminals
0.2 – 4 qmm single wire
2 x 0.2 – 2.5 qmm single wire

Output**Number**

2
Bus terminal BUS 1

Rated voltage:

28 V – 31 V DC, SELV

Connection:

KNX connection block
Bus terminal 30 V DC

Rated voltage:

28 V – 31 V DC, SELV

Connection:

KNX connection block

Rated current:

max. 320 mA (BUS + 30 V DC)
short-circuit protection

Protection:

IP 20

Operation temp.:

-5°C ... +45°C

Storage temp.:

-25°C ... +55°C / +70°C

Mounting:

on DIN rail 35 x 7.5