

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

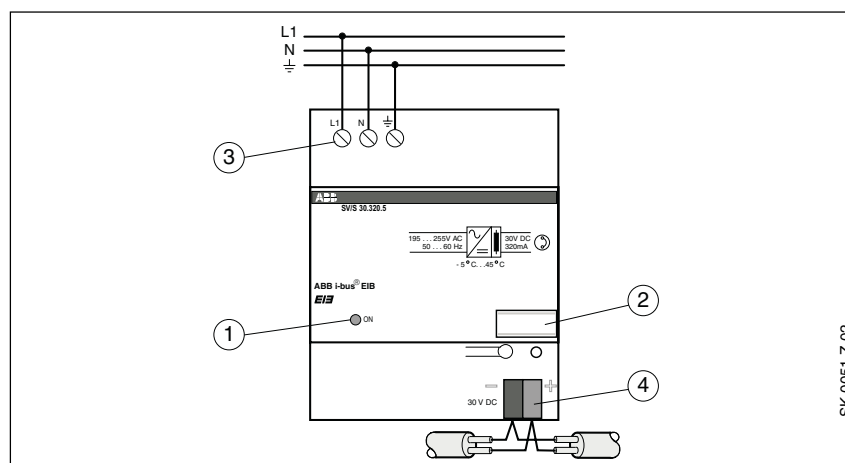
The power supply is connected to the bus line with a bus connection terminal. A reset is triggered by removing the bus connection terminal for approx. 20 seconds.

The bus line is disconnected from the power supply and the bus devices connected to this bus line are returned to their initial state.

Technical data

| | | |
|---------------------------------------|---|---|
| Power supply | – Nominal voltage | 230 VAC +10/-15%, 45 ... 65 Hz |
| | – Power consumption | max. 30 VA |
| | – Power loss | max. 4 W |
| EIB outputs | – Nominal voltage | 30 VDC +1/-2 V, SELV |
| | – Nominal current | 320 mA, short-circuit-proof |
| | – Mains failure back-up time | > 200 ms |
| Operating and display elements | – Green LED | „ON“: output voltage is OK |
| Connections | – Power supply | 3 screw terminals |
| | | Cable cross-section: multi-core 0.2 – 2.5 mm ² single-core 0.2 – 4.0 mm ² |
| | | Bus connection terminal (black/red) |
| Type of protection | – EIB output | |
| Ambient temperature range | – IP 20, EN 60 529 | |
| | – Operation | – 5 °C ... + 45 °C |
| | – Storage | – 25 °C ... + 55 °C |
| | – Transport | – 25 °C ... + 70 °C |
| Design | – Modular installation device, proM | |
| Housing, colour | – Plastic housing, grey | |
| Mounting | – On 35 mm mounting rail, DIN EN 50 022 | |
| Dimensions | – 90 x 72 x 64 mm (H x W x D) | |
| Mounting depth/width | – 68 mm / 4 modules at 18 mm | |
| Weight | – 0.21 kg | |
| Certification | – EIB-certified | |
| CE norm | – In accordance with the EMC guideline and the low voltage guideline | |

Device connection



1 Operation-LED
2 Label carrier

3 Mains supply
4 Bus connection terminal

Note

To carry out a reset, remove the bus connection terminal for approx. 20 seconds from the EIB power supply.

During normal operation, the green „ON“ LED lights up. If it does not light up, a fault is present. Check whether the connected EIB line has experienced a short circuit and whether the mains voltage is OK. If the green „ON“

LED still does not light up, the number of bus devices connected to the EIB line should be reduced until an overload is no longer present and the green „ON“ LED lights up.

Once the fault has been rectified, carry out a reset by removing the bus connection terminal for approx. 20 seconds.