



The power supply unit produces and monitors the power for the EIB system. The bus line is isolated from the power supply with the integrated choke.

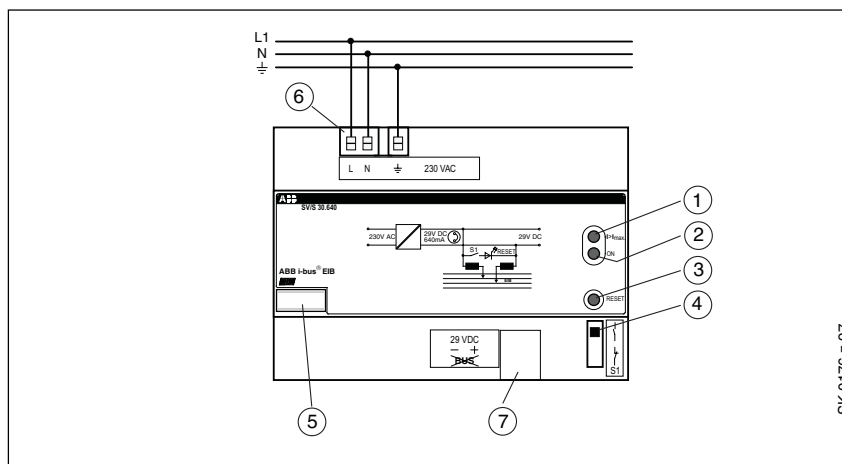
When the reset switch is activated, the bus devices connected to this bus line are returned to their initial state.

A voltage of 29 VDC is fed over two pins for one bus connecting terminal. This voltage may only be used to supply a bus line. This line must then be isolated via a separate choke.

Technical Data

Power supply	– Rated voltage	230 VAC +10/-15 %, 50 ... 60 Hz
	– Power input	24 VA
Outputs	– Rated voltage	29 VDC, +/- 1V, SELV
	– Rated current (sum of outputs 1 and 2)	640 mA, short-circuit proof
	– Short-circuit current	< 1.2 A
	– Stored energy time	> 200 ms
Operation and display elements	– red LED	Overcurrent
	– green LED	ON
	– red LED	Reset
	– Switch	Reset, Operation
Connections	– Power supply	three screwless terminals Wire range 0.5 ... 2.5 mm ²
	– Output 1	Pressure contacts on the data rail
	– Output 2	Pins for bus terminal
Type of protection	– IP 20, EN 60 529	
Ambient temperature range	– 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 50022	
Dimensions	– 90 x 126 x 64 mm (H x W x D)	
Mounting depth/width	– 68 mm / 7 modules at 18 mm	
Weight	– 0.46 kg	
Certification	– EIB-certified	
CE norm	– in accordance with the EMC guideline and the low voltage guideline	

Wiring diagram



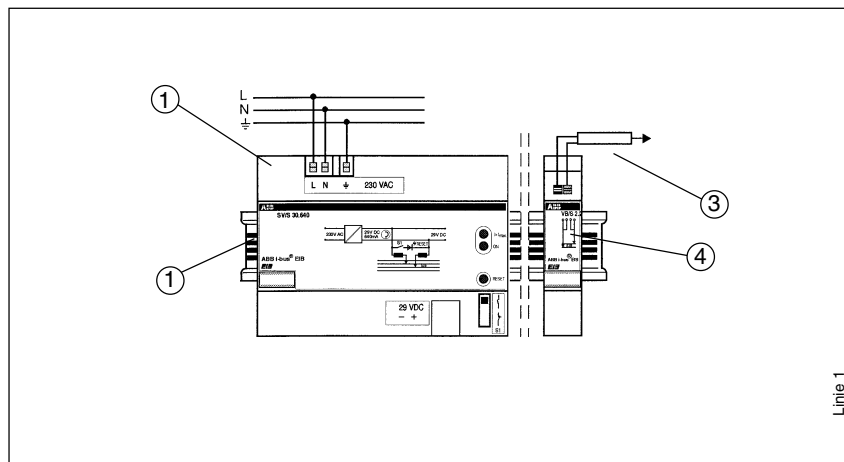
- | | |
|-------------------|---------------------------|
| 1 Overcurrent LED | 4 Reset switch |
| 2 On LED | 5 Label carrier |
| 3 Reset LED | 6 Power supply |
| | 7 separate voltage output |

Note

To carry out a “reset”, slide the switch downwards. The red LED lights up. After about 20 seconds, slide the switch back into its normal position.

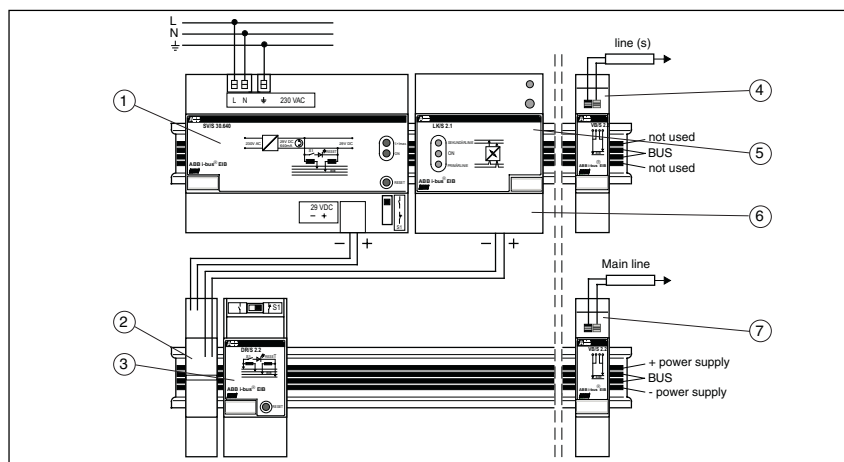
The bus line is connected with the power supply again and the bus devices return to their defined initial setting.

Wiring diagram
for the supply of a line



- 1 Power supply with integrated choke
- 2 Data rail
- 3 Bus cable
- 4 Connector

Wiring diagram
for the supply of a line and a main line



- 1 Power supply with integrated choke
- 2 4-pole connector
- 3 separate choke for main line
- 4 Connector for secondary line
- 5 Coupler
- 6 Terminal for main line
- 7 Connector

