



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

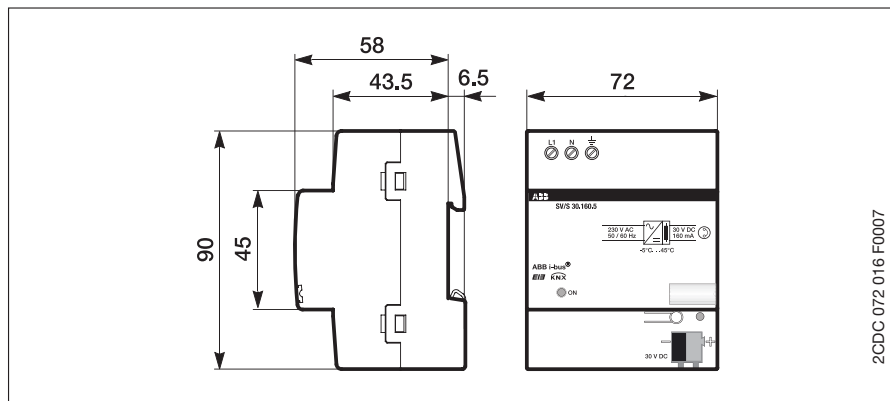
The power supply is connected to the bus line with a bus connection terminal. A reset is triggered by removing the bus connection terminal for approx. 20 seconds.

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

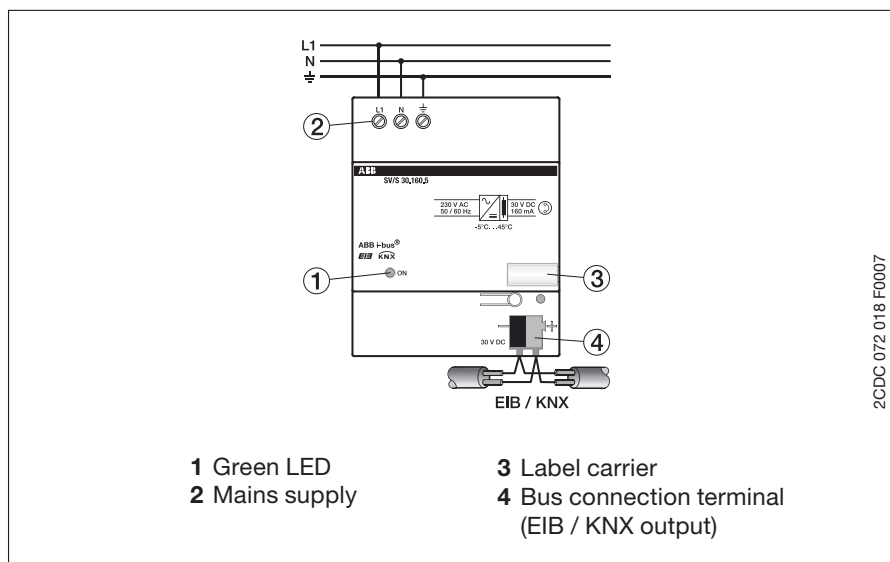
|                                       |                                                                                                                                                                                                                      |                                                                                                                                                                             |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Power supply</b>                   | <ul style="list-style-type: none"> <li>– Power supply</li> <li>– Power consumption</li> <li>– Power loss</li> </ul>                                                                                                  | 230 V AC +10/–15%, 45 ... 65 Hz<br>< 8 VA<br>< 3 W                                                                                                                          |
| <b>Outputs</b>                        | <ul style="list-style-type: none"> <li>– EIB / KNX output</li> <li>– EIB / KNX output voltage</li> <li>– Nominal current</li> <li>– Sustained short-circuit current</li> <li>– Mains failure back-up time</li> </ul> | 1 line with integrated choke<br>30 V DC +1/–2 V, SELV<br>160 mA, short-circuit-proof<br>< 450 A<br>200 ms                                                                   |
| <b>Operating and display elements</b> | <ul style="list-style-type: none"> <li>– Green LED</li> </ul>                                                                                                                                                        | “ON”: Device in operation                                                                                                                                                   |
| <b>Connections</b>                    | <ul style="list-style-type: none"> <li>– Power supply</li> <li>– EIB / KNX output</li> </ul>                                                                                                                         | 3 screw terminals<br>Cable cross-section:<br>multi-core      0.2 – 2.5 mm <sup>2</sup><br>single-core      0.2 – 4.0 mm <sup>2</sup><br>Bus connection terminal (black/red) |
| <b>Type of protection</b>             | – IP 20, EN 60 529                                                                                                                                                                                                   |                                                                                                                                                                             |
| <b>Ambient temperature range</b>      | <ul style="list-style-type: none"> <li>– Operation</li> <li>– Storage</li> <li>– Transport</li> </ul>                                                                                                                | – 5 °C ... + 45 °C<br>– 25 °C ... + 55 °C<br>– 25 °C ... + 70 °C                                                                                                            |
| <b>Design</b>                         | – Modular installation device, proM                                                                                                                                                                                  |                                                                                                                                                                             |
| <b>Housing, colour</b>                | – Plastic housing, grey                                                                                                                                                                                              |                                                                                                                                                                             |
| <b>Mounting</b>                       | – On 35 mm mounting rail, DIN EN 60 715                                                                                                                                                                              |                                                                                                                                                                             |
| <b>Dimensions</b>                     | – 90 x 72 x 64.5 mm (H x W x D)                                                                                                                                                                                      |                                                                                                                                                                             |
| <b>Mounting depth/width</b>           | – 68 mm/4 modules at 18 mm                                                                                                                                                                                           |                                                                                                                                                                             |
| <b>Weight</b>                         | – 0.21 kg                                                                                                                                                                                                            |                                                                                                                                                                             |
| <b>Certification</b>                  | – EIB / KNX-certified                                                                                                                                                                                                |                                                                                                                                                                             |
| <b>CE norm</b>                        | – In accordance with the EMC guideline and the low voltage guideline                                                                                                                                                 |                                                                                                                                                                             |

## Dimension drawing



2CDC 072 016 F0007

## Device connection



2CDC 072 018 F0007

## Installation and commissioning

Switch on the mains voltage after the device has been correctly installed. The “ON”-LED lights up after mains voltage was applied and the output voltage is above 20 V DC.



The “ON”-LED flashes even if there is overload and if devices should not work because of inappropriate bus topologies (very long bus lines). The installer has to ensure that nominal current of 160 mA won't exceed permanently.