



The commissioning power supply generates a DC voltage and is used for on site commissioning of KNX devices should KNX system voltage be unavailable. Hence, the most important functions of a KNX device (e.g. Fan Coil Actuator FCA/S) can be tested with manual operation.

The output of the device is permanently short-circuit proof and overload protected.

The power supply is connected on the device to be commissioned via a plug-in screw terminal.

The primary side of the device features a Euro connector with a 1.5 m cable.

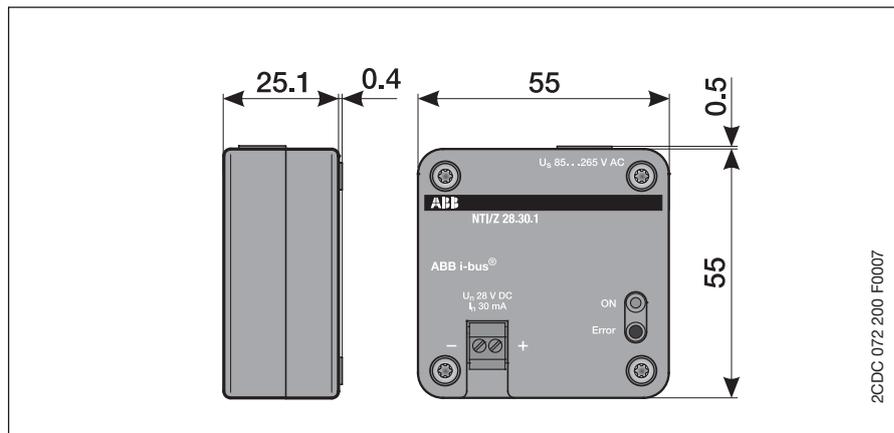
### Technical Data

<b>Power supply</b>	<ul style="list-style-type: none"> <li>– Supply voltage <math>U_s</math></li> <li>– Current consumption</li> <li>– Power consumption</li> </ul>	<ul style="list-style-type: none"> <li>85...265 V AC; 45 ... 65 Hz</li> <li>&lt; 8.5 mA at 230 V AC</li> <li>&lt; 1 W at 230 V AC</li> </ul>
<b>Output</b>	<ul style="list-style-type: none"> <li>– Rated voltage <math>U_N</math></li> <li>– Rated current</li> <li>– Mains failure back-up time</li> </ul>	<ul style="list-style-type: none"> <li>21...28 V DC, SELV</li> <li>30 mA</li> <li>≥ 20 ms</li> </ul>
<b>Display elements</b>	<ul style="list-style-type: none"> <li>– LED (Green)</li> <li>– LED (Red)</li> </ul>	<ul style="list-style-type: none"> <li>ON: (and LED Red off): device operational; output voltage OK</li> <li>ON: output short-circuit or overload</li> </ul>
<b>Connections</b>	<ul style="list-style-type: none"> <li>– Supply</li> <li>– Plug-in screw terminals</li> <li>– Output</li> <li>– Insulation strip length</li> <li>– Screw thread</li> <li>– Tightening torque</li> </ul>	<ul style="list-style-type: none"> <li>EURO connector to EN 50075, VDE 0620-101 (approx. 1.5 m)</li> <li>0.08...1.5 mm<sup>2</sup> single core or stranded</li> <li>0.2 ... 1.0 mm<sup>2</sup> flexible with ferrules without/with plastic sleeves</li> <li>7 mm</li> <li>M2</li> <li>Max. 0.25 Nm</li> </ul>
<b>Enclosure</b>	<ul style="list-style-type: none"> <li>– IP20 to EN 60 529</li> </ul>	
<b>Safety class</b>	<ul style="list-style-type: none"> <li>– II to EN 61140</li> </ul>	
<b>Ambient temperature range</b>	<ul style="list-style-type: none"> <li>– Operation</li> <li>– Storage</li> <li>– Transport</li> </ul>	<ul style="list-style-type: none"> <li>– 5 °C ... + 45 °C</li> <li>– 25 °C ... + 55 °C</li> <li>– 25 °C ... + 70 °C</li> </ul>
<b>Housing, colour</b>	<ul style="list-style-type: none"> <li>– Plastic housing, grey</li> </ul>	<ul style="list-style-type: none"> <li>RAL 7012</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>– 55.5 x 55 x 25.5 mm (H x W x D)</li> </ul>	
<b>Weight</b>	<ul style="list-style-type: none"> <li>– approx. 120 g</li> </ul>	
<b>CE mark</b>	<ul style="list-style-type: none"> <li>– in accordance with the EMC guideline and low voltage guideline</li> </ul>	



The device is intended exclusively for temporary supply of KNX devices during commissioning. The commissioning power supply is not suitable for programming and permanent supply of one or more KNX devices.

Dimension drawing



Circuit diagram

