Power Supply 640 mA

SolutionS for commercial building S

animeo Solo | animeo IB+ | animeo KNX | animeo LON

INSTALLATION GUIDE

KNX Power Supply with integrated choke. Worldwide usable due to wide range input 100 – 240 VAC. LED indicator for Power, Overload and Reset. Push button for automatic reset on the KNX line. Additional auxiliary voltage output with 30 VDC. Nominal current on the short circuit protected outputs is 640 mA.

Technical features:
- Wide range input 100 to 240 VAC / 50–60 Hz
- Integrated KNX choke
- Integrated KNX reset function for choked output
- Short circuit protection
- Status LEDs for Power, Overload and Reset

CHARACTERISTICS

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supply voltage</td>
<td>100–240 V AC / 50/60 Hz</td>
</tr>
<tr>
<td>Output voltage</td>
<td>30 V DC (28–31 V DC according to KNX specification)</td>
</tr>
<tr>
<td>Output voltage not choked</td>
<td>30 V DC</td>
</tr>
<tr>
<td>Nominal current</td>
<td>640 mA</td>
</tr>
<tr>
<td>Terminals</td>
<td>Screw terminal max. 2,5 mm² cross section</td>
</tr>
<tr>
<td></td>
<td>KNX bus terminal/auxiliary voltage terminal ∅ 0,6 – 0,8 mm</td>
</tr>
<tr>
<td>Ambient temperature</td>
<td>-5 °C to +50 °C</td>
</tr>
<tr>
<td>Protection class</td>
<td>IP 20</td>
</tr>
<tr>
<td>Mounting</td>
<td>DIN rail</td>
</tr>
<tr>
<td>Dimensions</td>
<td>107 x 91 x 62 mm (w x h x d), 6 modules</td>
</tr>
<tr>
<td>Conformity</td>
<td><a href="http://www.somfy.com/ce">www.somfy.com/ce</a></td>
</tr>
</tbody>
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SAFETY GUIDELINES

• The device may only be installed and connected by trained electricians, in accordance with the current KNX guidelines and the country-specific regulations.
• At the planning and construction of electrical plants, the relevant standards, guidelines, rules and regulations of each country must be observed.
• After installing the device and turning on the power supply, voltage is present at the outputs.
• Device should not be operated outside of the specific technical data.
• During transport, storage and operating the device must be protected from moisture, dirt and damage.
• Only operate in closed case. Do not impede cooling.
• Device only ground at the dedicated terminals.

CONNECTION AND INSTALLATION

Only suitable for fixed installation on DIN-rail distribution boards or in small housings. Installation only in dry rooms.
1. Attach power supply on a DIN-rail
2. Connect power supply on the KNX bus
3. Connect power supply to the supply voltage
4. Switch on the supply voltage
5. After connecting the power supply, the device is ready for operation

LED display Power (green)  Operable
LED display Overload (orange)  Overload on KNX bus
LED display Reset (red)  Reset of KNX bus is running
Button Reset  Set up Reset of KNX bus