ABB i-bus® EIB

Power Supplies
NT/S 12.1600
NT/S 24.800

Intelligent Installation Systems
Two universal low voltage DC power supplies for use in EIB-Installations or other SELV-Applications. The compact devices in pro M Design deliver a stabilised output voltage of 12 V DC / 24 V DC with a rated output current of 1.6 A / 0.8 A. The devices are electrically protected against overload and the output can withstand continuous short circuit conditions. The status of the mains supply voltage and the DC output voltage is indicated via 2 LEDs. Cable connection is via screw terminals.

The power supplies are especially suited for use with the following EIB devices:
- Zone Terminals: MT/S 4.12.1, MT/U 2.12.1
- Universal I/O-Concentrator: UK/S 32.1
- Binary Input: ET/S 6.24.1
- Panel Units: TT/E 12.1, TL/E 12.1

### Technical Data

**Supply:**
- Rated voltage: 230 V AC (+10/–15 %), 50 ... 60 Hz
- Power consumption: max. 30 VA

**Output:**
- Rated voltage: 12 V DC / 24 V DC (± 1% ), SELV
- Ripple: max. 0.15 Vpp
- Rated current: 1.6A / 0.8A, short circuit protected
- Current limiting: 12 V DC max. 2.2 A, 24 V DC max. 1.1 A
- Power loss: max. 5 W

**Control and Display Elements:**
- 2 LEDs green: Status of the 230 V AC supply voltage and the DC output voltage
- Protection class: IP 20 according to EN 60 529
- Operating temperature range: – 5 °C to +45 °C
- Connection: Screw terminals
- Installation: Cable cross section 0.2 – 2.5 mm² on 35 mm mounting rails, DIN EN 50 022
- Dimensions: (H x W x D) 90 x 72 x 64 mm
- Installation depth/width: 68 mm/4 Modules @ 18 mm
- Weight: 0.2 kg

### Selection Table

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<tr>
<th>Description</th>
<th>Ordering Info.</th>
<th>EAN</th>
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<tr>
<td>Power Supply, 12 V DC 1.6 A</td>
<td>NT/S 12.1600</td>
<td>51467.5</td>
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<tr>
<td>Power Supply, 24 V DC 0.8 A</td>
<td>NT/S 24.800</td>
<td>51468.2</td>
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Technical specifications are subject to change without prior notice.