Expert PDU Energy 8182 / 8184

Features

- Metering of energy, current and voltage by MID-compliant energy meters
- Energy meters update metered values every 30 seconds
- Firmware update via Ethernet during operation
- HTTP 1.1, e-mail, DHCP, SNMPv1 (Traps), SNMPv2c (Traps), Syslog
- Free Android and iOS app allows access from anywhere
- Low internal power consumption
- Developed and manufactured in Germany

Electrical Connections

- 1 power supply IEC C14 for metering electronics
- 2 resp. 4 load inputs (IEC C20, max. 16 A) (8182 / 8184)
- 2 resp. 4 load outlets (IEC C19, max. 16 A) (8182 / 8184)
- Ethernet connector RJ45 (10/100 Mbit/s)
- Mini-DIN connector for optional sensor

Technical Details

- Dimensions: 19 inch, 1 rack unit
- Weight: ca. 2.0 kg
- Operating temperature: 0-50 °C (non-condensing environment)

Ordering Information

<table>
<thead>
<tr>
<th>Order code</th>
<th>Product</th>
<th>Feature</th>
<th>Operating Voltage</th>
<th>Maximum Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>8182</td>
<td>Expert PDU Energy 8182</td>
<td>2 MID-compliant energy meters</td>
<td>230 V</td>
<td>2 x 16 A</td>
</tr>
<tr>
<td>8184</td>
<td>Expert PDU Energy 8184</td>
<td>4 MID-compliant energy meters</td>
<td>230 V</td>
<td>4 x 16 A</td>
</tr>
<tr>
<td>7001</td>
<td>Temperature Sensor 7001</td>
<td>-20°C to +80°C</td>
<td>230 V</td>
<td></td>
</tr>
<tr>
<td>7002</td>
<td>Hybrid Sensor 7002</td>
<td>-20°C to +80°C / 0-90% humidity</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Integrated S0+ Energy Meters

- Accuracy class: B according to EN50470-3
- Operating voltage: 230 VAC, 50 Hz, tolerance -20%/+15%
- Ref.-/metering current: Iref = 5 A, Imax = 32 A
- Initial-/minimum current: Ist = 20 mA, Imin = 0.25 A
- Power consumption: Active 0.4 W per phase
- Counting range: 00’000.00 ... 99’999.99, 100’000.00 ... 999’999.99
- Display: LCD backlighted, height of digits: 5 mm
- Impulse per kWh: LC display 2000 lmp./kWh

Customized Modifications

Also 32 A per load circuit available upon request due to alternative PG screw connections.