### Features
- 12 Power Ports individually switchable directly on the device, via HTTP, command line tool and RS232 serial interface
- 2 energy meters per bank and per port, one meter continuously, the other resettable
- Metering of energy, current, power factor, phase angle, frequency, voltage and active / apparent / reactive power
- Status and Power-up delay (0...9999 seconds) adjustable individually for each Power Port after power blackout
- Simultaneous power-up of multiple Power Ports prevented by latency time of 1 second
- Paired switching of outlets possible, e.g. output 1 of bank 1 simultaneously with output 1 of bank 2
- Programmable turn-on/turn-off sequence
- 12-channel watchdog, an individual watchdog (ICMP/TCP) can be assigned for each Power Port
- 2 independent power inputs of 230 V for the same or different phases
- A clearly visible LED display per bank for total current, IP address, sensor data and error reports
- Integrated overvoltage protection prevents damage of device and of connected consumers (L-N 10 kA)
- Firmware update via Ethernet during operation
- HTTP 1.1, e-mail, DHCP, SNMPv1 (Traps), SNMPv2c (Traps), Syslog
- Access control via IP Access Control List
- Access control via optional HTTP password
- Free Android and iOS app allows access from anywhere
- Low internal power consumption
- Developed and manufactured in Germany

### Electrical Connections
- 2 Power supplies (IEC C20, max. 16 A, 230 V)
- 2 x 6 Power Ports (IEC C13, max. 10 A)
- Ethernet connector RJ45 (10/100 Mbit/s)
- Serial interface RS232 (Sub-D 9-pin)
- 2 RJ45 interfaces for optional sensors

### Technical Details
- Dimensions: 19 inch, 1 rack unit
- Weight: ca. 2.8 kg
- Operating temperature: 0-50 °C (non-condensing environment)

### Ordering Information
<table>
<thead>
<tr>
<th>Order code</th>
<th>Product Description</th>
<th>Feature</th>
<th>Operating Voltage</th>
<th>Maximum Current</th>
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<tbody>
<tr>
<td>8225-1</td>
<td>Expert Power Control 8225-1</td>
<td>Energy metering per bank and per port</td>
<td>230 V</td>
<td>2 x 16 A</td>
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<tr>
<td>7101</td>
<td>Temperature Sensor 7101</td>
<td>-20°C to +80°C</td>
<td>230 V</td>
<td>2 x 16 A</td>
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<tr>
<td>7102</td>
<td>Hybrid Sensor 7102</td>
<td>-20°C to +80°C / 0-90% humidity</td>
<td>230 V</td>
<td>2 x 16 A</td>
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<td>7990</td>
<td>RS232 Adapter Cable 7990</td>
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<td>0807</td>
<td>Cable Holder 0807</td>
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