Expert PDU Energy 8301 Series

3-phase or 1-phase Inline Meter for vertical rack mounting

**Features**

- Metering of energy, current, power factor, phase angle, frequency, voltage and active / apparent / reactive power
- 2 energy meters per phase, one meter continuously, the other resettable
- Clearly visible LED display for total current (actual, peak), IP address, sensor data and error reports
- Case allows vertical mounting in 19 inch racks (0 RU)
- Interface for optional sensors for environmental monitoring (temperature and humidity)
- Comfortable configuration by web browser, Windows or Linux tool
- Firmware update via Ethernet during operation
- HTTP 1.1, e-mail, DHCP, SNMPv1 (Traps), SNMPv2c (Traps), Syslog
- Android and iOS app Gude Control allows access from anywhere
- Low internal power consumption
- Developed and manufactured in Germany

**Electrical Connections**

- **Power supply**
  - CEE plug 3 x 16 A (8301)
  - CEE plug 1 x 32 A (8301-2)
  - CEE plug 3 x 32 A (8301-3)
- **Load outlet**
  - CEE socket 3 x 16 A (8301)
  - CEE socket 1 x 32 A (8301-2)
  - CEE socket 3 x 32 A (8301-3)
- Power supply for internal electronic either through metering phase or through separate power supply cable (Schuko plug)
- Ethernet connector RJ45 (10/100 Mbit/s)
- Mini-DIN connector for optional sensor

**Technical Details**

- Case for vertical rack mounting, LxHxD: 38 x 8 x 7 cm (length including brackets)
- Weight: ca. 2.0 kg
- Operating temperature: 0 - 50 °C
- Storage temperature: -20 - 70 °C
- Relative humidity: 0 - 95% (non-condensing environment)

**Order code** | **Product** | **Feature** | **Operating Voltage** | **Maximum Current**
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8301 | Expert PDU Energy 8301 | 3-phase Inline Meter | 230 V | 3 x 16 A
8301-2 | Expert PDU Energy 8301-2 | 1-phase Inline Meter | 230 V | 1 x 32 A
8301-3 | Expert PDU Energy 8301-3 | 3-phase Inline Meter | 230 V | 3 x 32 A
7001 | Temperature Sensor 7001 | -20°C to +80°C | 230 V | 3 x 32 A
7002 | Temp./Humidity Sensor 7002 | -20°C to +80°C / 0-90% humidity | 230 V | 3 x 32 A