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)

Expert PDU Energy 8301-3
3-phase Inline Meter with CEE plug and socket

Order code	Product	Feature	Operating Voltage	Maximum Current
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		
7002	Temp./Humidity Sensor 7002	-20°C to +80°C / 0-90% humidity		

Gude Analog- und Digitalsysteme GmbH
Eintrachtstr. 113
50668 Koeln, Germany
T +49.221.912 90 97
F +49.221.912 90 98
mail@gude.info
www.gude.info

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made in Germany