

Expert PDU Energy 8340 / 8341 Series



Inline Meter with hotswap drawer and integrated current metering and monitoring for 2 or 4 single-phase mains

IPv6, SSL, SNMPv3 & Telnet



Features

- Hotswap drawer allows replacement of processor/power supply unit at uninterrupted power supply of connected loads
- Metering of 4 separate phases
- For each metering of energy, current, power factor, phase angle, frequency, voltage and active/apparent/reactive power
- Metering of residual current type A per phase (8340-2 / 8341-2)
- 2 energy meters per phase, one meter continuously, the other resettable
- Clearly visible LED display for total current per phase and phase status
- 2 interfaces for optional sensors for environmental monitoring (temperature, humidity and air pressure)
- Comfortable configuration by web browser, Windows or Linux tool
- Firmware update via Ethernet during operation
- IPv6-ready
- HTTP/HTTPS, E-Mail (SSL, STARTTLS), DHCP, Syslog
- SNMPv1, v2c, v3 (Get/Traps)
- TLS 1.0, 1.1, 1.2
- Radius and Modbus TCP protocol supported
- Configuration and control via Telnet
- Adjustable brackets allow different mounting depths
- Low internal power consumption
- Developed and manufactured in Germany

Electrical Connections

- Power supply
2 x IEC C20, max. 16 A (8340)
4 x IEC C20, max. 16 A (8341)
- Load outlet
2 x IEC C19, max. 16 A (8340)
4 x IEC C19, max. 16 A (8341)
- Ethernet connector RJ45 (10/100 Mbit/s)
- 1 power supply IEC C14 for separate supply of electronic
- 2 sensor interfaces (RJ45) for optional sensors

Technical Details

- 19 inch, 1 rack unit
- Dimensions of device:
LxHxD: 43.4 x 4.4 x 21.4 cm (without brackets)
- Dimensions of drawer:
LxHxD: 21.7 x 3.3 x 10.9 cm (without handles)
- Weight including drawer: ca. 2.9 kg
- Operating temperature: 0-50 °C
- Storage temperature: -20 - 70 °C
- Relative humidity: 0 - 95 % (non-condensing environment)

Highlights at a glance

- ▶ Enhanced failure safety due to hotswap drawer
- ▶ Energy metering per phase
- ▶ Residual current monitor (8340-2 / 8341-2)
- ▶ 2- or 4-phase version

Order code	Product	Feature	Max. Current
8340-1	Expert PDU Energy 8340-1	2 phases IEC C20, 2 load outlets IEC C19, hotswap drawer	2 x 16 A
8340-2	Expert PDU Energy 8340-2	2 phases IEC C20, 2 load outlets IEC C19, hotswap drawer, residual current monitoring type A	2 x 16 A
8341-1	Expert PDU Energy 8341-1	4 phases IEC C20, 4 load outlets IEC C19, hotswap drawer	4 x 16 A
8341-2	Expert PDU Energy 8341-2	4 phases IEC C20, 4 load outlets IEC C19, hotswap drawer, residual current monitoring type A	4 x 16 A
7101	Temperature Sensor 7101	-20°C to +80°C	
7102	Temp./Humidity Sensor 7102	-20°C to +80°C / 0-90% humidity	
7103	Air pressure/Temp./Humidity Sensor 7103	300-1100 hPa / -20°C to +80°C / 0-90% humidity	
7201	Temperature Sensor 7201	-20°C to +80°C	
7202	Temp./Humidity Sensor 7202	-20°C to +80°C / 0-90% humidity	
7203	Air pressure/Temp./Humidity Sensor 7203	300-1100 hPa / -20°C to +80°C / 0-90% humidity	



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