

Expert Power Control 8316 Series



8-fold switched PDU with integrated current metering per load outlet

IPv6, SSL,
SNMPv3 & Telnet



Features

- 8 Power Ports individually switchable directly on the device, via HTTP, command line tool and RS232 serial interface
- Status and Power-up delay (0...9999 seconds) adjustable individually for each Power Port after power blackout
- Start-up peaks through simultaneous port switching prevented by latency time of 1 second
- Programmable turn-on/turn-off sequence
- 2 energy meters per power outlet, one meter continuously, the other resettable
- Metering of energy, current, power factor, phase angle, frequency, voltage and active / apparent / reactive power
- Clearly visible LED display for total current, IP address, sensor data and error reports
- 8-channel watchdog, an individual watchdog (ICMP/TCP) can be assigned for each Power Port
- 2 interfaces for optional sensors for environmental monitoring (temperature, humidity and air pressure)
- Event-based port switching possible by set sensor thresholds
- 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 over Telnet
- Access control via IP Access Control List
- Low power consumption
- Developed and manufactured in Germany

Electrical Connections

- 1 power supply (IEC C20, max. 16 A)
- 8 Power Ports (Schuko, max. 16 A or IEC C13, max. 10 A)
- Ethernet connector RJ45 (10/100 Mbit/s)
- Serial interface RS232 (Sub-D 9-pin)
- 2 sensor interfaces (RJ45) for optional sensors

Highlights at a glance

- ▶ 8 Power Ports
- ▶ Outlet-metered
- ▶ Event-based switching
- ▶ Energy metering
- ▶ 2 connector types available
- ▶ Vertical mounting

Technical Details

- Case allows vertical mounting in 19 inch racks (0 RU), LxHxD: 69 x 6 x 7 cm (length including pivotable brackets)
- Weight: ca. 2.8 kg
- Operating temperature: 0-50 °C
- Storage temperature: -20 - 70 °C
- Relative humidity: 0 - 95 % (non-condensing environment)

Order code	Product	Feature	Operating Voltage	Max. Current
8316-1	Expert Power Control 8316-1	8 Power Ports Schuko, energy metering per load outlet	230 V	16 A
8316-2	Expert Power Control 8316-2	8 Power Ports IEC C13, energy metering per load outlet	230 V	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, cable ca. 2,3 m		
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		



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

