

Expert Power Control 8221-1



12



2



12-fold switched PDU with integrated current metering and monitoring

Dual-Circuit

IPv6, SSL & SNMPv3



- ▶ 2 independent banks of 6 load outlets
- ▶ Energy metering per bank
- ▶ IPv6, SSL und SNMPv3

- ▶ Total switching power: 7500 W
- ▶ Integrated overvoltage protection

Features

- 12 Power Ports individually switchable directly on the device, via HTTPS, SNMP, command line tool and RS232 serial interface
- Status and Power-up delay (0...9999 seconds) adjustable individually for each Power Port after power blackout
- Latency time of 1 second prevents simultaneous power-up of multiple Power Ports
- 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
- 2 energy meters per bank, one meter continuously, the other resettable
- Metering of energy, current, power factor, phase angle, frequency, voltage and active / apparent / reactive power
- A clearly visible LED display per bank for total current, IP address, sensor data and error reports
- 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
- Integrated overvoltage protection prevents damage of device and of connected consumers (L-N 10 kA), status retrievable over network
- 2 interfaces for optional sensors for environmental monitoring (temperature and humidity)
- Firmware update via Ethernet during operation
- Comfortable configuration by web browser, Windows or Linux tool
- Access control via IP Access Control List

- IPv6-ready
- HTTP/HTTPS, e-mail (SSL, STARTTLS), DHCP, Syslog
- SNMPv1, v2c, v3 (Get/Traps)
- TLS 1.0, 1.1, 1.2
- Secure Login over SSL
- Android and iOS app *Gude control* 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
- LxHxD: 43.9 x 4.4 x 19.5 cm (without brackets)
- Weight: ca. 2.9 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 |
|------------|-----------------------------|--|-------------------|-----------------|
| 8221-1 | Expert Power Control 8221-1 | Energy metering per bank | 230 V | 2 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 | | |
| 7201 | Temperature Sensor 7201 | Box case with RJ45 socket, -20°C to +80°C | | |
| 7202 | Temp./Humidity Sensor 7202 | Box case with RJ45 socket, -20°C to +80°C / 0-90% humidity | | |
| 0807 | Cable Holder 0807 | 13 fixation bridges for load cables | | |



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