

# Expert Power Control 8101-2

new



6

All-pole switched PDU with 6 load outlets and integrated current metering



2



## Expert Power Control 8101-2

6 IEC C13 Lock connectors on the rear, that are all-pole switched (L+N)

All-pole switching (L+N)  
Residual current metering  
Overvoltage protection type 3

## Features

- Up to 6 Power Ports individually switchable directly on the device, via HTTPS, SNMP, command line tool and RS232 serial interface
- Two-pole switching (L+N) of Power Ports
- 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
- Programmable timetables and turn-on/turn-off sequences
- 2 energy meters: one meter continuously, the other resettable
- Metering of energy, current, power factor, phase angle, frequency, voltage and active / apparent / reactive power
- Residual current metering type A
- A clearly visible LED display for total current, IP address, sensor data and error reports
- 6-channel watchdog, an individual watchdog (ICMP/TCP) can be assigned for each Power Port
- Integrated overvoltage protection (SPD) type 3 prevents damage of device and of connected consumers (L-N, L/N-PE), status retrievable over network
- 2 interfaces for optional sensors for environmental monitoring (temperature, humidity and air pressure)
- Event-based port switching possible by set sensor thresholds
- Internal beeper for acoustic alarm for set sensor thresholds
- Comfortable configuration by web browser, Windows or Linux tool
- Firmware update via Ethernet during operation
- IPv6-ready
- SNMPv1, v2c, v3 (Get/Traps)
- TLS 1.0, 1.1, 1.2
- HTTP/HTTPS, e-mail (SSL, STARTTLS), DHCP, Syslog
- Telnet, Radius and Modbus TCP support
- Access control via IP Access Control List
- Android and iOS app *Gude Control* allows access from anywhere
- Low internal power consumption
- Developed and manufactured in Germany

## Electrical Connections

- Power supply IEC C20, max. 16 A, 230 V
- Power Ports: 6 IEC C13 Lock, 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 | Max. Current |
|--|---|--|-------------------|--------------|
| 8101-2   | Expert Power Control 8101-2               | 6 outlets IEC C13 Lock, all-pole switched (L+N)  | 230 V             | 16 A         |
| 7101   | Temperature Sensor 7101                   | Cable sensor with splash-proof sensor head (IP64), RJ45 connector, -20°C to +80°C          |                   |              |
| 7104 *   | Temperature Sensor 7104                   | Cable sensor, RJ45 connector, -20°C to +80°C, cable ca. 2.3 m                              |                   |              |
| 7105 *   | Temp., Humidity Sensor 7105               | Cable sensor, RJ45 connector, -20°C to +80°C, 0-90% humidity, cable ca. 2.3 m              |                   |              |
| 7106 *   | Temp., Humidity, Air pressure Sensor 7106 | Cable sensor, RJ45 connector, 20°C to +80°C, 0-90% humidity, 300-1100 hPa, cable ca. 2.3 m |                   |              |
| * Sensors also available with calibrated temperature range: 7104-2, 7105-2, 7106-2 |   |  |                   |              |
| 0804   | IEC Extension Cable 0804                  | Extension cable for IEC C13 to C14, length: 3 m  |                   |              |
| 0871   | Desk/Wall Bracket 0871                    | Accessories for mounting a 19-inch device under a tabletop or on a wall                    |                   |              |
| 0872   | Cable Holder 0872                         | 13 fixation bridges for load cables at the rear side                                       |                   |              |