

# Expert Power Control 1104 Series new



Switched PDUs with integrated current metering with safety socket or IEC port



**Expert Power Control 1104-1**



**Expert Power Control 1104-2**



## Features

- 1 Power Port switchable directly on the device, via HTTPS and command line tool
- Adjustable status and Power-up delay (0...9999 seconds) after power blackout
- Programmable turn-on/turn-off sequence
- 1-channel watchdog, a watchdog (ICMP/TCP) can be assigned for Power Port
- Interface for optional sensors for environmental monitoring (temperature, humidity and air pressure)
- Port switching possible by configured 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 support
- Configuration and control via Telnet possible
- Access control via IP Access Control List
- Android and iOS app *Gude Control* allows access from anywhere

- Low internal power consumption, typ. 1.5 W
- Developed and manufactured in Germany

## Electrical Connections

- Power supply:  
Safety socket type F (CEE 7/4), max. 16 A **(1104-1)**  
IEC C14, max. 10 A **(1104-2)**
- Power Port:  
Safety socket type F (CEE 7/3), max. 16 A **(1104-1)**  
IEC C13, max. 10 A **(1104-2)**
- Ethernet connector RJ45 (10/100 Mbit/s)
- Sensor input (RJ45) for optional sensors

## Technical Details

- LxHxD: 12 x 6.5 x 9.5 cm
- Weight: ca. 0.3 kg
- Operating temperature: 0-50 °C
- Storage temperature: -20 - 70 °C
- Relative humidity: 0 - 95 % (non-condensing environment)

|   |  |
|---|--|
| <input checked="" type="checkbox"/> IPv6  | <input checked="" type="checkbox"/> SNMPv3     |
| <input checked="" type="checkbox"/> HTTPS | <input checked="" type="checkbox"/> Telnet     |
| <input checked="" type="checkbox"/> SSL   | <input checked="" type="checkbox"/> Modbus TCP |

| Order Code   | Product                                   | Feature  | Operating Voltage | Max. Current |
|--|---|--|-------------------|--------------|
| 1104-1   | Expert Power Control 1104-1               | Safety socket connector type F   | 230 V             | 16 A         |
| 1104-2   | Expert Power Control 1104-2               | IEC connector  | 230 V             | 10 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 |   |  |                   |              |
| 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                                  |                   |              |
| 0804   | IEC Extension Cable 0804                  | Extension cable for IEC C13 to C14, length: 3 m (for 1104-2)                               |                   |              |