Switched & Metered Power Distribution Units

Expert Power Control 1105 Series

1 or 1

Switched and Metered PDU with integrated current metering and monitoring with safety socket or IEC port

new





Expert Power Control 1105-1





Expert Power Control 1105-2

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
- Metering of energy, current, power factor, phase angle, frequency, voltage and active / apparent / reactive power
- 2 energy meters, one meter continuously, the other resettable
- 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 (**1105-1**)
  IEC C14, max. 10 A (**1105-2**)
- Power Port
  Safety socket type F (CEE 7/3), max. 16 A (**1105-1**)
  IEC C13, max. 10 A (**1105-2**)
- 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)

☑ IPv6 ☑ SNMPv3
☑ HTTPS ☑ Telnet
☑ SSL ☑ Modbus TCP

Order code	Product	Feature	Operating Voltage	Maximum Current
1105-1	Expert Power Control 1105-1	Safety socket connector type F, energy metering	230 V	16 A
1105-2	Expert Power Control 1105-2	IEC connector, energy metering	230 V	10 A
7101	Temperature Sensor 7101	Cable sensor with splash-proof sensor head (IP64), RJ45 connector, -20°C to +80°C, cable ca. 2.3 m		
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	DepbyBox 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 1105-2)		

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