Expert Power Control 1202- / 1292 Series (GSM)

4-fold switched PDU with integrated current metering and monitoring and with GSM connectivity (1292 Series)

Expert Power Control 1292-4: IP power outlet strip
with integrated GSM module and 4 IEC Lock connectors



Highlights at a glance

- 4 Power Ports
- GSM Connectivity for 1292 Series
- Event and schedule-based switching
- Energy metering
- Overvoltage protection
- Various connector versions

Features

- 4 Power Ports individually switchable directly on the device, via HTTPS and SNMP
- Case allows mounting in 19 inch racks
- Status and Power-up delay (0...9999 seconds) adjustable individually for each Power Port after power blackout
- Simultaneous power-up of multiple Power Ports prevented by latency time of 1 second
- Programmable timetables and turn-on/turn-off sequences enabling automatic switching of Power Ports to previous state after configurable time period
- Metering of energy, current, power factor, phase angle, frequency, voltage and active/apparent/reactive power
- 2 energy meters, one meters continuously, the other energy meter is resettable
- A clearly visible LED display on the device reveals total current, IP address, sensor data and error reports
- 4-channel watchdog, an individual watchdog (ICMP/TCP) can be assigned for each Power Port
- Interface for optional sensors for environmental monitoring (temperature and humidity)
- Port switching possible by configured sensor thresholds
- Internal beeper for acoustic alarm for set sensor thresholds
- Integrated overvoltage protection prevents damage of device and of connected consumers (L-N 10 kA), status retrievable over network
- Dedicated high-inrush relays avoid welding of relay contacts at start-up peaks
- Firmware update via Ethernet during operation
- Comfortable configuration by web browser, Windows or Linux tool
- 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 via Telnet
- IP Access Control List
- Android and iOS app *Gude Control+* allows access from anywhere
- Low internal power consumption, typ. 5 W
- Developed and manufactured in Germany

Electrical Connections

- Power supply safety socket type F, CEE 7/4 connector, max. 16 A, cable length: ca. 3 m
- 4 Power Ports:
  - 1202-1, 1292-1: Safety socket type F, CEE 7/3
  - 1202-2: Safety socket type E as per UTE, CEE 7/5
  - 1202-3: Safety socket type J, automatic cut-out as per SEV1011:2009/A1:2012,
  - 1202-4, 1292-4: Sockets IEC C13 Lock
- Ethernet connector RJ45 (10/100 Mbit/s)
- Mini-DIN connector for optional sensor
- Connector for GSM antenna, **GSM Rod Antenna 0560** included in delivery (**1292**)
- Slot for SIM card (**1292**)

Technical Details

- LxHxD: 48.4 x 4.6 x 7.4 cm
- Weight: ca. 1 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

GUDE Systems GmbH
Von-der-Wettern-Str.23
51149 Köln · Germany

mail@gude.info
www.gude.info
shop.gude.info

T +49.221.912 90 97
F +49.221.912 90 98

made in Germany

4 or 4

GSM connectivity
Overvoltage protection

Redundant communication thanks to GSM module

With the **Expert Power Control 1292 Series**, the GSM connectivity provides the user with redundant communication by an integrated GSM modem. This enables control via SMS, voice call and datacall. An alarm center can also be informed by an SMS trap. In this way, capacity to act is ensured even if the primary network fails. The IP socket strip has the following additional technical features:

- Quadband GSM module
- Control via voicecall, SMS and Datacall
- GSM user access for all ports configurable
- FreeCall: Predefined action upon toll-free incoming call from a specific number
- GSM rod antenna included in delivery
- For pre-paid and post-paid SIM cards (SIM card not included)



Lateral connectors of **Expert Power Control 1292**: Mini-DIN connector, antenna screw connector, SIM card slot and RJ45 socket



Expert Power Control 1202-1, 1292-1



Expert Power Control 1202-2



Expert Power Control 1202-3



Expert Power Control 1202-4, 1292-4

Order code	Product	Feature	Operating Voltage	Max. Current
1202-1	Expert Power Control 1202-1	4 safety socket connectors type F (DE)	230 V	16 A
1202-2	Expert Power Control 1202-2	4 safety socket connectors type E (FR, BE, PL, CZ)	230 V	16 A
1202-3	Expert Power Control 1202-3	4 safety socket connectors type J (CH), automatic cut-out as per SEV1011:2009/A1:2012	230 V	10 A
1202-4	Expert Power Control 1202-4	4 IEC C13 Lock connectors, IEC Lock sockets prevent accidental disconnecting of IEC cables by a patented locking mechanism	230 V	10 A
1292-1	Expert Power Control 1292-1	4 safety socket connectors type F (DE), integrated GSM module, GSM antenna incl. in delivery (cable length: 2 m)	230 V	16 A
1292-4	Expert Power Control 1292-4	4 connectors IEC C13 Lock, IEC Lock sockets prevent accidental disconnecting of IEC cables by a patented locking mechanism, integrated GSM module, GSM antenna incl. in delivery (cable length: 2 m)	230 V	10 A
7001	Temperature Sensor 7001	Cable sensor with splash-proof sensor head (IP64), Mini-DIN connector, -20°C to +80°C, cable ca. 2.3 m		
7002	Temp.-, Humidity Sensor 7002	Cable sensor, Mini-DIN connector, -20°C to +80°C, 0-90% humidity, cable ca. 2.3 m		
0520	GSM Rod Antenna 0520	Magnetic mount rod antenna with cable and SMA plug, cable ca. 5.5 m		
0560	GSM Rod Antenna 0560	Rod antenna with SMA plug (included in delivery for 1292)		

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F +49.221.912 90 98

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