Switched & Metered Power Distribution Units

Expert Power Control 1202 Series

4-fold switched PDU with integrated current metering and monitoring

Safety first:
High inrush relays
Overvoltage protection

Expert Power Control 1202-4
IP power outlet strip with 4 IEC Lock connectors



- ☑ IPv6
- ☑ HTTPS
- ☑ SSL
- ☑ Telnet
- ☑ SSH
- ☑ SNMPv3
- ☑ Modbus TCP
- ☑ MQTT

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 plug-and-play cable 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 1.1, 1.2, 1.3
- Radius, Modbus TCP and MQTT 3.1.1 support
- Configuration and control via Telnet
- IP Access Control List
- 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: Safety socket type F, CEE 7/3
  - 1202-3: Safety socket type J, automatic cut-out as per SEV1011:2009/A1:2012,
  - 1202-4: Sockets IEC C13 Lock
- Ethernet connector RJ45 (10/100 Mbit/s)
- Mini-DIN connector for optional sensor

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)

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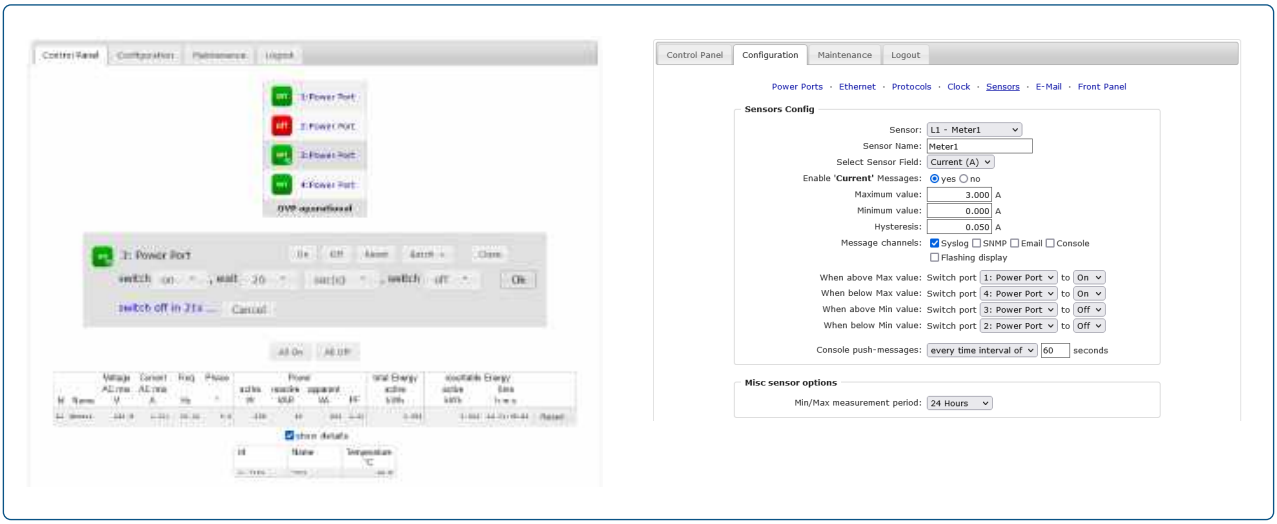
made in Germany

4 or 4



Control panel of Expert Power Control 1202: From switching sequences, programmable timetables to sensor thresholds and email alerts - demanding users have a wide range of setting options

Highlights at a glance

- 4 switchable power outlets on front panel
- Event and schedule-based switching
- Precise energy metering
- Available in various connector versions
- Overvoltage protection (SPD type 3)
- Self-healing function for effective power-cycling



Expert Power Control 1202-1



Expert Power Control 1202-3



Expert Power Control 1202-4

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
1202-3	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
7002	Temp.-, Humidity Sensor 7002	Cable sensor, Mini-DIN connector, -20°C to +80°C, 0-90% humidity, cable ca. 2.3 m		

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