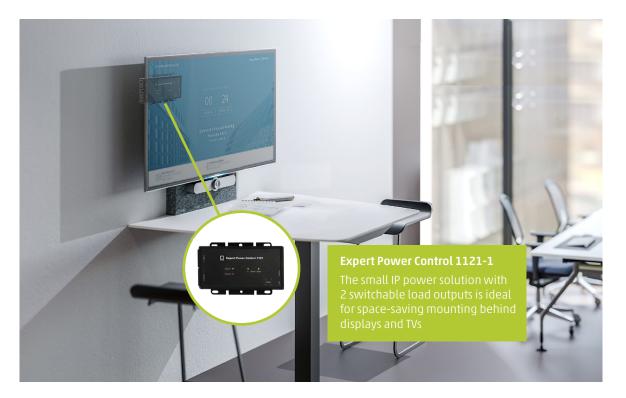
Size matters - small & smart PDU for space saving installation



2-fold switched PDU with integrated metering and and monitoring functionality



Full control

Two AV devices can be powered and individually switched

Optimal integration

Easy and fast commissioning with free drivers for leading AV and IT control systems

Detailed monitoring

Precise energy measurement and monitoring of temperature and humidity through plug-n-play sensors

Better and faster Service

Remote reboots and automatic power cycling prevent costly downtime and allow better and faster customer service

More sustainability

Avoid unnecessary power consumption with programmable shutdown schedules

Maximum flexibility

Compact design allows space-saving mounting behind displays, under tabletops and in AV furniture

Highest operational safety

Integrated overvoltage protection and proactive power monitoring ensure reliable and safe operation

Application scenarios

- Conference rooms
- Test labs
- Huddle spaces
- Digital Signage
- UC rooms
- Edge Computing



Expert Power Control 1121

















with high inrush relays, surge protection and self-healing function

2-fold switched PDU with integrated metering and and monitoring functionality



2 load outlets IEC C13 on the left side



LAN and sensor port on the right side

Switching function

- · 2 load outputs individually switchable at the device, via HTTP(S), SNMP, ModbusTCP as well as via command line interface using Telnet, SSH and MQTT
- Switching state and switch-on delay (0...9999 seconds) adjustable for each power port after power failure
- Current peaks during simultaneous switching operations are prevented by an automatic latency of 1 second
- Programmable schedules and on/off sequences
- 2 channel watchdog, each power port can be assigned its own watchdog (ICMP/TCP)
- Load outputs can be switched when preset sensor thresholds are exceeded

Metering function

- Connection for plug-n-play sensors for environmental monitoring (temperature, humidity, air pressure)
- Input-side measurement of current, voltage, phase angle, power factor, frequency, active, apparent and reactive power
- · 2 energy meters, one meter counts permanently, the other is resettable

Security

- Integrated overvoltage protection prevents damage of device and of connected consumers (L-N 10 kA), status retrievable over network
- Long-life high-Inrush relays prevent welding of relay contacts during inrush current peaks
- Generation of status messages and alarms (e-mail, syslog, SNMP traps MQTT 3.1.1, SSH, Telnet)
- Encrypted e-mails (SSL, STARTTLS)
- · Access protection through IP access control

- SNMPv1, v2c, v3 (Get/Traps)
- Encrypted communication via SSL (TLS 1.1, 1.2, 1.3) and SSH
- Password protected access

Operation

- Easy and flexible configuration via web browser, Windows or Linux program
- Firmware update possible during operation via Ethernet
- Support of Radius, Modbus TCP and MOTT 3.1.1
- IPv6-ready
- · Configuration and control via Telnet

Electrical Connections

- Mains connection IEC C14 (max. 10 A, 230 V)
- Load outputs: 2x IEC C13
- Ethernet connector RJ45 (10/100 Mbit/s)
- Sensor connector RJ45 for plug-n-play sensors (temperature, humidity, air pressure)

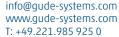
Technical details

- Dimensions (LxWxD, without mounting brackets): 168 x 86 x 34 mm
- Weight: ca. 450 g
- Operating temperature: 0-50 °C
- Storage temperature: -20 70 °C
- Relative humidity: 0 95 % (non-condensing environment)
- Low power consumption, typ. 2 W
- Developed and produced in Germany

Order code	Product	Feature	Power supply	Max. current
1121-1	Expert Power Control 1121-1	2 switchable outputs IEC C13, power metering, overvoltage protection	230 V	10 A
7205	Temp., Humidity Sensor 7205	Plug-n-play sensor, RJ45 connector, -20°C to +80°C, 0-90% humidity		
7209	Temp., Humidity, Signal Sensor 7209	Plug-n-play sensor, RJ45 connector, 20°C to +80°C, 0-90% humidity, 2 passive signal inputs		









Germany