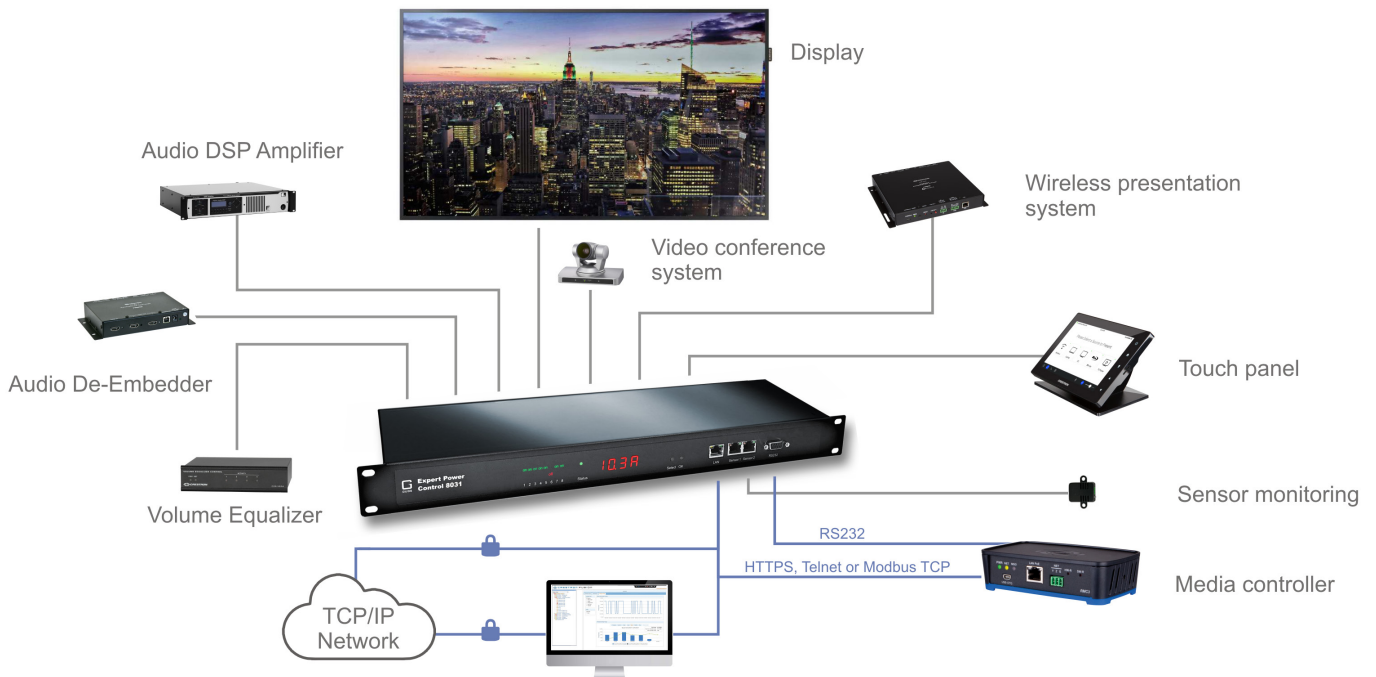


Switchable IP Power Sockets for all needs: The Expert Power Control Series

From media furniture, huddle rooms to conference halls and data centers



Use of Expert Power Control 8031-3 in a conference room

Overvoltage protection type 3
SSL, Telnet, MQTT & Modbus TCP

Triple Play of the new Expert Power Control Series

1 Green Building

With the smart IP switching sockets, the **power consumption** of the infrastructure can be **effectively reduced**: The collective switching off of consumers, even in standby mode, as well as the integrated energy meters help to **ensure a sustainable operation** of the installation. In addition, the user receives warnings when fault currents occur. This allows **preventive maintenance** even before downtime.

2 „Reboot is always good“

The PDUs have **4, 8 or 12 load outlets** on the rear (IEC C13 or safety socket). This allows connected devices to be **switched off and on in the event of a fault**. This is possible in particular via **media controls** and **DCIM solutions**. Defined thresholds ensure that event-based switching can be initiated. Furthermore, the devices can be controlled on schedule due to integrated timer functions.

3 Environment monitoring

Two integrated sensor interfaces for additional sensors enable to **monitor environment temperature, humidity and air pressure**. Due to real-time surveillance and early overload and threshold alarms, **critical system conditions and down-times can be avoided**. Thanks to these **plug-and-play sensors**, a reliable monitoring system is quickly done with Expert Power Control Series.

Seamless integration into renowned AV control systems



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Expert Power Control 8021 / 8031 / 8041



4-, 8- or 12-Port switched PDU for reducing power consumption, faster remote maintenance and proactive monitoring

Electrical Connections

- Power supply IEC C20, max. 16 A, 110-230 V
- Power Ports: 4, 8 or 12 IEC C13 (Lock), max. 10 A or 8 safety socket type F, max. 16 A
- Ethernet connector RJ45 (10/100 Mbit/s)
- Serial interface RS232 (Sub-D 9-pin)
- 2 RJ45 interfaces for plug-n-play sensors

Technical Details

- Dimensions: 19 inch, 1 rack unit
- LxHxD: 43.9 x 4.4 x 17.8 cm (without brackets)
- Weight: ca. 2.2 kg
- Operating temperature: 0-50 °C
- Storage temperature: -20 - 70 °C
- Relative humidity: 0 - 95 % (non-condensing environment)

HIGHLIGHTS AT A GLANCE

- ▶ IEC-, IEC Lock- or safety socket connectors
- ▶ Integrated overvoltage protection (Type 3)
- ▶ 2 sensor ports for environment monitoring
- ▶ Energy and residual current metering
- ▶ Event and schedule based switching
- ▶ Free drivers for leading AV control software
- ▶ IPv6, SSL and SNMPv3
- ▶ Telnet, Radius, MQTT and Modbus TCP support
- ▶ Compact 19" housing (1 RU)
- ▶ Low internal power consumption
- ▶ Developed and manufactured in Germany



Expert Power Control 8031-3: 8 safety sockets requiring just one rack unit



Expert Power Control 8041-2: IEC Lock sockets prevent accidental disconnecting of IEC cables

Order Code	Product	Rear connectors	Shared Features
8021-1	Expert Power Control 8021-1	4x IEC C13	• Operating voltage: 110-230 V, max.: 16 A • Unit metered • Residual current metering type A • Overvoltage protection (SPD) type 3 • 2 sensor ports with RJ45 socket • HTTPS, SSL, IPv6, SNMPv3, Telnet, Radius, Modbus TCP, MQTT 3.1.1
8031-1	Expert Power Control 8031-1	8x IEC C13	
8031-2	Expert Power Control 8031-2	8x IEC C13 Lock	
8031-3	Expert Power Control 8031-3	8x safety socket type F (DE)	
8031-4	Expert Power Control 8031-4	8x Typ G, BS 1363 (GB)	
8041-1	Expert Power Control 8041-1	12x IEC C13	
8041-2	Expert Power Control 8041-2	12x IEC C13 Lock	

Order Code	Product	Features
7205*	Temp., Humidity Sensor 7205	Plug-n-play sensor, RJ45 connector, -20°C to +80°C, 0-90% humidity
7206*	Temp., Humidity, Air pressure Sensor 7206	Plug-n-play sensor, RJ45 connector, -20°C to +80°C, 0-90% humidity, 300-1100 hPa
7209	Temp., Humidity, Signal Input Sensor 7209	Plug-n-play sensor, RJ45 connector, -20°C to +80°C, 0-90% humidity, 2 passive signal inputs
0804	IEC Extension Cable 0804	Extension cable for IEC C13 to C14, length: 3 m
0871	Desk/Wall Bracket 0871	Accessories for mounting a 19-inch device under a tabletop or on a wall
0872	Cable Holder 0872	13 fixation bridges for load cables at the rear side

* Sensors also available with calibrated temperature range: 7205-2, 7206-2