

Switchable IP Power Sockets for all needs: New **Expert Power Control Series**



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



Triple Play of the new Expert Power Control Series

1 Green Building

With the new IP switching sockets, the power consumption of the installation 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 infrastructure. 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 especially possible 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 optional available 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 plug-and-play sensors, startup operation with **Expert Power Control Series** is quickly done.



Seamless integration into renowned control systems like Crestron.



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4, 8, 12

8

2

4-, 8- or 12-fold switched PDU for reduction of power consumption, for remote control and for environment monitoring

Overvoltage protection type 3
SSL, Telnet & Modbus TCP

Electrical Connections

- Power supply IEC C20, max. 16 A, 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 optional 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
- ▶ Compliant to AV software of well-known suppliers (Crestron, Extron, Barco etc.)
- ▶ IPv6, SSL and SNMPv3
- ▶ Telnet, Radius and Modbus TCP support
- ▶ Compact 19" housing (1 RU)
- ▶ Low internal power consumption
- ▶ Developed and manufactured in Germany



Expert Power Control 8041-1: 12 IEC 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	4 x IEC C13	Operating voltage: 230 V , max.: 16 A Unit metered
8031-1	Expert Power Control 8031-1	8 x IEC C13	
8031-2	Expert Power Control 8031-2	8 x IEC C13 Lock	Residual current metering type A
8031-3	Expert Power Control 8031-3	8 x safety socket type F (DE)	Overvoltage protection (SPD) type 3
8041-1	Expert Power Control 8041-1	12 x IEC C13	2 sensor ports with RJ45 socket
8041-2	Expert Power Control 8041-2	12 x IEC C13 Lock	HTTPS, SSL, IPv6, SNMPv3, Telnet, Radius, Modbus TCP

Order Code	Product	Feature
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

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 (not for 8031-3)