

# Smart PDU SPSP7040200

4-Port IP switched PDU with energy metering & monitoring per outlet

1x<sup>M</sup> IEC320-C14

4x<sup>F</sup> IEC320-C13

IPv6, MQTT, Telnet,  
SSL, SNMPv3

**4-Port switched PDU with integrated measurement/evaluation options per load output for TCP/IP networks**

The Smart PDU SP7040200 from the U.T.E. Smart PDU series was specially designed for controlling and monitoring the power supply in AV environments and IT installations and enables the switching of electrical devices via a TCP/IP network (HTTPS), using SNMP, Telnet, Radius, Modbus TCP and MQTT. Smart PDU SP7040200 has two (redundant) network connections (TCP/IP ports) for this purpose. In addition, the current measurement per output can be carried out remotely via TCP/IP. There are 4 IEC load outputs (max. 10 A) on the rear of the PDU. These 4 C13 power ports can each be switched separately via a web interface, SNMP, Telnet, Radius, Modbus TCP and MQTT. An energy meter is integrated into each load output of this Smart PDU, which is used to measure a variety of other electrical parameters.



2x Network Ports

Metering per Port

**4-port IP switched PDU with energy measurement and monitoring per output and redundant TCP/IP port**

- 4x 10A IEC C13 Power Ports individually switchable and measurable - Each load output can be switched individually via HTTP(S), SNMP, ModbusTCP as well as via command line interface via Telnet, SSH, MQTT
- 1x 10A universal IEC C14 power input
- Status and Power-up delay adjustable individually for each Power Port after power blackout
- **Current peaks during simultaneous switching operations are prevented by adjustable latency time**
- Programmable timetables and turn-on/turn-off sequences
- Monitoring and statistics of voltage, current, power, and energy consumption data
- Switch control, current and power consumption monitoring
- Comfortable configuration by web browser
- Provide remote monitoring, monitoring and configuration through Web-GUI
- 2x redundant backup TCP/IP network ports to provide uninterrupted network services
- Safety features: overload protection, interference filtering, wiring error protection, remote login verification
- Alarm in the event of high currents (overload)
- Supports multiple network protocols and IoT protocols:
  - SNMP, Modbus TCP, Telnet, SSH and MQTT
  - HTTP/HTTPS, E-Mail (SSL, SSH, STARTTLS)
  - Configuration and control via Telnet and SSH
  - NTP function can be activated
  - RADIUS authentication supported
  - SNMPv1, v2c, v3 (Get/Traps)
- IPv6-ready
- Low internal power consumption

Specification	
Power Connector	1x IEC C14 (110 – 230 V 50Hz 10 A)
Power Ports	4x IEC C13 (110 – 230 V 50Hz 10 A)
Network/ Control	2x Netzwerkanschluss (TCP/IP) – 2x RJ45 Buchse (10/100 Mbit/s)
Voltage Range	90 ~ 250V AC
Frequency Range	45 ~ 65Hz
Max. Current	10 A (per Port) – 10 A (total)
No-load Power Consumption	max. 3,3W (internal consumption)
Measurement	Energy metering per load output (voltage, current, power and energy consumption data)
Operation Temperature	-10°C to 55°C
Storage Temperature	-25°C to +70°C
Humidity	10% ~ 90% relative humidity (non-condensing)
Dimension (W*H*D)	220 x 44 x 120mm (½ 19", 1HE)
Net Weight	ca. 970g