Expert Transfer Switch 8801-1

6   **2**

Automatic transfer switch (ATS) for redundant power supply of network components

☑ IPv6   ☑ SNMPv3
☑ HTTPS   ☑ Telnet
☑ SSL   ☑ Modbus TCP

Features

- Automatic transfer to alternate power supply if blackout of primary power supply occurs (A or B)
- Switches also if phase is shifted
- If primary power supply returns (A or B), automatic shift-in possible
- LED display featuring status of power supply including phase-shift
- Metering of energy, current, power factor, phase angle, frequency, voltage and active/apparent/reactive power
- 2 energy meters, one meter continuously, the other resettable
- Metering of residual current type A (RCM)
- Clearly visible LED display for total current, IP address, sensor data and error reports
- 2 interfaces for optional sensors for environmental monitoring (temperature, humidity and air pressure)
- Messages by e-mail, Syslog and SNMP traps depending on threshold values of energy and sensor metering
- Comfortable configuration by web browser, Windows or Linux tool
- Firmware update via Ethernet during operation
- IPv6-ready
- HTTP/HTTPS, e-mail (SSL, STARTTLS), DHCP, Syslog
- SNMPv1, v2c, v3 (Get/Traps)
- TLS 1.0, 1.1, 1.2
- Radius and Modbus TCP protocol supported
- Configuration and control over Telnet
- Access control via IP Access Control List

- Low power consumption
- Developed and manufactured in Germany

Electrical Connections

- 2 power supplies IEC C20, max. 16 A
- 6 load outlets IEC C13, max. 10 A
- Load outlet IEC C19, max. 16 A
- Ethernet connector RJ45 (10/100 Mbit/s)
- Galvanic isolated signal output (Sub-D 9-pin)
- 2 sensor interfaces (RJ45) for optional sensors

Technical Details

- 19 inch, 1 rack unit
- Dimensions of device: LxHxD: 43.9 x 4.4 x 19.5 cm (without brackets)
- Weight: ca. 2.5 kg
- Operating temperature: 0 - 50 °C
- Storage temperature: -20 - 70 °C
- Relative humidity: 0 - 95 % (non-condensing environment)

Highlights at a glance

▸ Typical transfer time: 7-10 ms
▸ Residual current metering (RCM)
▸ Energy metering

Connectors on rear panel

Order Code	Product	Feature	Max. Current
8801-1	Expert Transfer Switch 8801-1	ATS, 6 outlets IEC C13, 1 outlet IEC C19, RCM	16 A
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 length 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	
7201	Temperature Sensor 7201	Box case with RJ45 socket, -20°C to +80°C	
7202	Temp., Humidity Sensor 7202	Box case with RJ45 socket, -20°C to +80°C, 0-90% humidity	
0804	IEC Extension Cable 0804	Extension cable for IEC C13 to C14, length: 3 m	
0807	Cable Holder 0807	Cable holder with 13 fixation bridges for cable attachement on rear side of device	