EMC Professional 3011

DCF77 time server with integrated radio time receiver for industrial environments

Features

- Reception of time and date based on DCF77 signal within a 2000 km radius around Frankfurt/Main
- Stand-alone NTP time server
- Battery buffered and temperature compensated real time clock
- LC display for time, date and error value
- Ideal reception through active ferrite rod **DCF77 Antenna 0220** (included in delivery)
- Switchable potential-free relay output (24 V, 0.5 A)
- Independent of OS (Ethernet, RS232)
- Firmware update via Ethernet during operation
- HTTP 1.1, DHCP, SNMPv1 (Traps), SNMPv2c (Traps), Syslog
- Access control via IP Access Control List
- Access control via optional HTTP password
- Low power consumption, typ. 5 W
- Developed and manufactured in Germany



EMC Professional 3011
Time server for 19 inch racks

Electrical Connections

- Power supply IEC C14 (max. 10 A)
- Ethernet connector RJ45 (10/100 Mbit/s)
- Switchable output (PTR multiconnector, 2-fold)
- Serial interface RS232 (Sub-D, 9-pin)
- BNC connector for active **DCF77 Antenna 0220**

Technical Details

- Dimensions: 19 inch, 1 rack unit
- LxHxD: 43.9 x 4.4 x 15.0 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)

Order code	Product	Feature	Operating voltage
3011	EMC Professional 3011	DCF77 time server in 19 inch body, switchable output	230 V
0220	DCF77 Antenna 0220	Active ferrite rod antenna with BNC connector, cable length 5 m (extendable up to 100 m), included in delivery	
0134	BNC Extension Cable for active antenna	Cable length 10, 20, 30, 50, 100 m	

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