ePowerSwitch 4XM

High Security ePowerSwitch with IP device and environmental monitoring

ePowerSwitch 4XM is an enhanced power distribution and control unit that enables remote power management of 4 devices over Ethernet.

This high security device can use the HTTPS protocol and also includes IP device and environmental monitoring functionalities. It supports HTTP, HTTPS, DHCP, Syslog, SNMP, SMTP and SNTP protocols. An internal clock allows to timestamp syslog messages, e-mails and internal logs.

Features

■ **Remote Power Management**
Each power outlet can be turned On/Off or restarted over IP.

■ **Redundant power supply for the web server**
To improve the security the ePowerSwitch 4XM supports dual Power Inputs. The web server can be supplied either through the main power input or through an auxiliary power adapter.

■ **Power Outlet Grouping**
Enables to group individual outlets. Ideal to control redundant power supply servers & devices with a single command.

■ **Sequential power up/down**
Avoids the risk for a power in-rush to blow a fuse or circuit breaker in the data centre.

■ **Restart Delay**
This delay, which applies to the restart activity at all power outlets, can be chosen between 1 and 65535 seconds (> 18 h) between off/on.

■ **Access and accounts**
The administrator password allows configuration and control of all power outlets. The administrator also can create up to 16 user accounts with access rights only to designated outlets.

■ **Advanced Security**
For your security, account access and data transfer can be encrypted with SSL Technology.

■ **Multiple concurrent users**
Allows multiple concurrent user access. Each user has access to control his designated power outlets.

■ **DHCP client**
The DHCP option enables to reduce the configuration management.

■ **Scheduler for Time-Controlled Applications**
This time-controlled function lets you control Power Outlets and dry Contacts and also allows to send Emails.

■ **IP device monitoring**
Enables to monitor IP devices using PING and Scan functions with automatic reboot in case of lock-up of the monitored device.

■ **Temperature and Humidity monitoring**
This function lets you monitor temperature and humidity in racks or server rooms.
If thresholds are exceeded, Power Outlets and dry contacts can be automatically controlled and Email and Syslog messages sent.

■ **Improved log file reporting**
Event logs are written to the log file and can be sent to a primary and a secondary Syslog Server.

■ **Programmable Labels**
A 32-character label can be attributed to the ePowerSwitch and to each power outlet to avoid confusion during operation.

■ **Easy Configuration**
Full configuration can be performed through the Web using the Web GUI.
The network settings can also be done via a convenient tool or a Terminal connection.

ePowerSwitch 4XM

Benefits

- Remote individual control of 4 power outlets
- SSL 128-bit Technology
- Administrator account and 16 user accounts
- Power-up sequencing
- Outlet Grouping
- Programmable labels and restart delays
- Auxiliary power supply for the Web server
- 4 inputs for dry contact
- IP device and environmental monitoring (temperature, humidity …)
- Firmware upgrade by the LAN

Front side / Back side
A series of front-panel LEDs provide quick status checks. The I/O connector on the back allows an easy connection of 4 dry contacts.

What's included

- 1 EPS 4XM-XX
- 1 power cable IEC-320-C13 to XX (EU = Schuko/Europe standard, CH =Swiss standard or UK = British standard) 1.80 Meters
- 1 serial cable (SUB-D9 male/female) 1.80 Meters
- 1 CD-ROM containing User Guide in English and IP Configuration Tool

Accessories

Power Cable 230 V / 10 A
- Schuko/Europe standard
- Schuko CEE 7/EU1-16P to IEC-320 C13
- 1.80 Meters, Black, Part-Nr. 19.99.1018

Power Cable 230 V / 10 A
- Swiss standard
- Swiss to IEC-320 C13
- 1.80 Meters, Black, Part-Nr.: 19.08.1220

Power Cable 230 V / 10 A
- United Kingdom standard
- British BS1363A to IEC-320 C13
- 1.80 Meters, Black, Part-Nr.: 80.90.10

Power Cable 230 V / 10 A
- IEC-320 C14 male to IEC-320 C13 female
- 1.80 Meters, Black, Part-Nr.: 19.99.1515

Horizontal Rack mounting kit with cable fastening
- Part-Nr.: EPS-CABMAN

Vertical rack mounting kit
- Part-Nr.: EPS-RACKMOUNT

Technical Features

Network standards	IEEE 802.3, 10 / 100 BASE-T
Network protocols	TCP/IP, HTTP, HTTPS
Network connection	RJ-45 connector for UTP CAT5
Max. network cable length	100 meters (not included)
Serial connection	RS232, SUB-D 9 female
SSL Technology	Version 2 and 3
Nominal input voltage	230 V/50Hz
Input power socket	IEC-320
Output voltage	230 V/50Hz
Output power socket	IEC-320
Maximum current / outlet	10 A
Maximum total current	10 A
LEDs	1 for Power Supply / Status 4 for the Power Outlets status 1 for Network traffic 1 for Network Speed 10 / 100 Mbits/s
Operating temperature	0°C to +40°C
Operating humidity	10% to 80%
Dimensions (LxDxH)	437 x 107 x 42 mm
Weight	1.8 Kg
Approvals	CE, EN55022 & EN55024

Technology House
Trafalgar Way Bar Hill
Cambridge
UK CB3 8SQ
Tel:+44 (0)1954 780044
Fax:+44 (0)1954 780081

ADDER®