



ePowerSwitch 4M+



ePowerSwitch 4M+ is a power distribution and control unit that enables remote power management of 4 devices over Intranet, the Internet or locally through an RS-232 serial connection. It also allows to trigger a soft shutdown of a server and offers environmental control functions and IP devices monitoring. The ePowerSwitch 4M+ unit supports the HTTP, DHCP, Syslog and SNMP protocols.

Flexible and expandable system

The A-xBus on the front panel enable to connect up to 4 peripherals to increase the number of controlled power outlets and/or to set up a remote monitoring of your facilities.

On, off and restart functions

Each power outlet or power outlets group can be individually controlled through an Ethernet. The serial interface also enables the power outlets management over a Terminal connection and to trigger a soft shutdown of a server with shutdown capabilities.

Programmable restart delay

A restart delay (5-60 seconds) can be set individually for each power outlet.

Sequential power up/down

Avoids the risk for a power inrush to blow a fuse or circuit breaker in the data centre.

Concurrent access / IP security

Access to the ePowerSwitch is protected by name and password. The administrator account allows complete configuration and control of all power outlets over a web browser. The administrator can create up to 40 concurrent user accounts with restricted rights.



EPS 4M+ in 19" rack mounting kit
Ref RMK-4 (in option).

The Watchdog function

- 1 ePowerSwitch sends a ping/scan request.
- 2 The monitored device acknowledges the request.
- 3 The monitored device is automatically rebooted in case of lock-up.

Easy and fast configuration

Full configuration can be performed through the Web using a web browser. The Network configuration can be done through the provided Windows tool over the LAN or through a Terminal connection

Programmable labels

To avoid confusion during operation, you can attribute a 32-character label to each device, power outlet, group of outlets, user account, rule, peripheral..

Programmable rules

The ePowerSwitch 4M+ can automatically carry out up to 32 rules to trigger scheduled tasks or to take predetermined actions (switching off a power outlet, sending alerts messages) in response to a specific event (exceeded temperature threshold, opened contact door).

IP devices monitoring

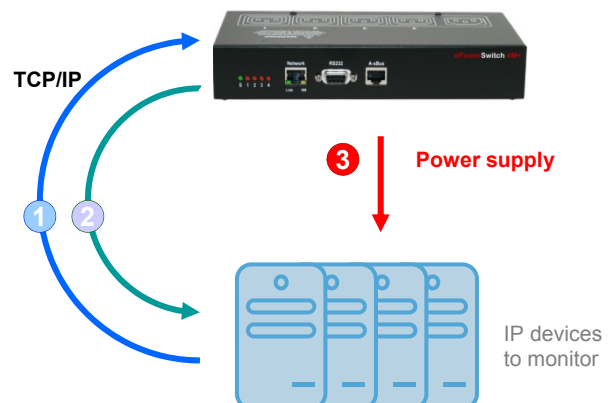
A Watchdog function lets you monitor 4 IP devices (servers, routes, camera...). In case of lock-up of the monitored device, this one can be automatically rebooted.

Environmental monitoring

Many sensors (temperature, humidity, ambient light...) and detectors (smoke, liquid...) can be used to secure your facilities and automatically trigger emergency actions.

Developer facility

Developers can use the specific page functionality (with or without identification) for an easy implementation of the power outlet control through the network in their own program.



Benefits

- Remote power control of 4 power outlets or power outlet groups.
- Power up-down sequencing to avoid in-rushes currents at start-up.
- Free definable labels for the device, each power outlet, group, rule...
- Control and configuration over IP and RS232 connection.
- Monitoring of 4 IP devices with automatic reboot in case of lock-up.
- Soft shutdown of a server with shutdown capabilities.
- 1 administrator account and 40 users accounts with concurrent access.
- Easy and fast configuration.
- Compact metallic casing, 19" rack mounting kit in option
- Status LEDs for power input, network and power outlets.
- Improved log file reporting.
- On line help.
- Firmware updateable over the LAN.

Web Pages

The settings for the Web server and the control of the power outlets are organized by an easy to use set of tables.

Supported peripherals:

Up to 4 of following peripherals can be connected to the ePowerSwitch 4M+:

- Sensors:
 - temperature sensor (T-Sensor)
 - temperature and humidity sensor (TRH-Sensor)
 - temperature and ambient light sensor (TL-Sensor)
 - temperature and proximity sensor (TP-Sensor)
 - temperature sensor (Tiny T-Sensor)
- Detectors:
 - liquid detector (KIT LIQ DET)
 - smoke detector (SMOKE DET)
 - movement detector (MOVE DET)
 - position, passage or level detector (MAGNETIC CON)
- Power outlet management:
 - power control unit, 1 outlet (ePowerSwitch 1XS)
 - power control unit, 8 outlets (ePowerSwitch 8XS)
 - power control unit, 8 outlets and 2 16A inputs with current probe (ePowerSwitch 8XS 32)
- I/O modules:
 - 16 inputs for dry contacts (XBUS DIM)
 - 8 relay outputs (XBUS DOM)
- Push Button (PUSH BUTTON)
- Power consumption management:
 - current probe, 1 power outlet (CP IEC)
 - consumption measuring: kWh, A, Volts (EnergyMeter)



Front side / Back

A series of front-panel LEDs provide quick status view.

What's included

- ▶ 1 EPS 4M+-XX (XX specifies the delivered power cable)
 - ▶ 1 power cable, 1,80 meter IEC-320-C13 / EU, CH or UK standard
- EU = Schuko/Europe, CH = Swiss, UK = United Kingdom
- ▶ 1 serial cable (SUB-D9 male/female) 1,80 meter
- ▶ 1 CD-ROM with user guide in English and Windows IP configuration tool

Technical features

- ▶ 1 power input: IEC 320 EN 60320 C14 (M) 10 A
 - ▶ Nominal input voltage: 230 V/50Hz
 - ▶ Maximum current: 10A
- ▶ 4 power outputs: IEC 320 EN 60320 C13 (F)
 - ▶ Output voltage: 230 V/50Hz
 - ▶ Maximum current/outlet: 10A
- ▶ Network standards: IEEE 802.3, 10/100 Mbit/s
 - ▶ Network protocols: TCP/IP, HTTP
 - ▶ Network connection: RJ-45 for UTP CAT5
- ▶ Max.network cable length: 100 m (not included)
- ▶ Terminal connection: RS-232, SUB-D 9 female
 - ▶ Connection Bus: RS-485, RJ-45
- ▶ LED's: power and network traffic socket status
- ▶ Operating temperature: 0°C to + 40°C
 - ▶ Operating humidity: 10% to 80%
 - ▶ Dimensions: 230 x 112x 42mm
 - ▶ Weight: 1 kg
- ▶ Approvals: CE, EN55022 & EN55024, RoHS
- ▶ Guarantee: 2 years repair or replace

Distributor :

