

# Low-Cost Remote Power Reboot Switch with IEC320 C13 Outlet

ENVIROMUX®

## Remotely control power on/off/reboot to a server, router, web cam, firewall or other remote device over IP.

- Regulatory approvals: CE, UL, cUL, FCC, RoHS.
- Auto-scheduler allows for scheduling power on/off/reboot events.
- Easy-to-use web interface makes it easy to control power from anywhere in the world.
- Access an unlimited number of Remote Power Reboot Switches from one software application.
  - The Device Management Utility detects and displays all PWR-RMT-RBT-LC on a network and enables individual assignment of IP addresses, upgrading of firmware, and loads the web browser of any selected unit.
- Multiple control options: Web interface, AutoPing, Telnet, DXP (Dataprobe Exchange Protocol)
  - The DXP protocol allows developers to design and integrate the PWR-RMT-RBT-LC into custom applications
- Auto-ping up to 2 IP addresses:
  - Local ping: automatically reboots device if there is no response.
  - Remote ping: pings a remote host and powers up alarm or connected device when there is no response.
- Dual password protection with separate user and administrator passwords.
- A Windows batch file can be used to automatically power on/off/reboot the device
- Optional wall mount and DIN mount kit available.
- The Remote Reboot Switch is the ideal solution for many applications, such as:
  - Remote reboot of any device, router, server, kiosk, etc. The device need not be network attached.
  - Secure sensitive devices by keeping them powered off when not in use. This prevents hackers from detecting them at all times.
  - Power down equipment when not needed for power savings and to save on wear and tear.
  - Power up alert devices like sirens, lamps, and messages, or environmental system like heaters, coolers, pumps, etc.



**PWR-RMT-RBT-LC (Front and Back)**

- **Remotely control power on/off/reboot to any remote device over IP**
- **Control via web interface, AutoPing, Telnet, or DXP**
- **Regulatory approvals: CE, UL, cUL, FCC, RoHS**

The ENVIROMUX® Remote Power Reboot Switch allows you to remotely reboot and control power (on/off) to a server or other powered device over IP.

## Specifications

### Power

- 105-240 VAC auto ranging.
- Power switching: up to 12 Amps at 105-125 VAC, 10 Amps at 210-240 VAC.
- Input connector: one IEC 320 C13 plug
- Output connector: one IEC 320 C14 receptacle
- Includes line cord and extension cord
  - PWR-RMT-RBT-LC includes a 12A US line cord.
  - PWR-RMT-RBT-LC10A includes a 10A country-specific line cord.

### Network Interface

- One 10/100 Base-T Ethernet port with RJ45 Ethernet connector.
- Autosensing uplink/downlink
- 6 ft (2 m) CAT5 cable included

### Protocols

- HTTP, TCP/IP, DHCP
- Built-in Telnet server
- DXP Messaging Protocol
- Auto-ping TCP Protocol

### MTBF

- 360,000 hrs

### Environmental

- Operating temperature: 32 to 122°F (0 to 50°C)

### Dimensions

- WxDxH: 2.0x3.2x4.2 in (60x82x107 mm)
- Weight: 0.54 lbs (244 g)
- Optional wall mount and DIN mount kit available (MK-PWRRMTRBTLC).

### Regulatory Approvals

- CE, UL, cUL, FCC, RoHS
- EN51055, EN50121-3-2

### Warranty

- Two years

## Remotely control power on/off/reboot to a server, router, web cam, firewall or other remote device over IP.

### Control Methods

#### Web Interface

- Configuration can be done over the Internet/LAN via Web page.
- View/edit device and AutoPing settings.
  - Ping up to two IP addresses.
- View/edit event schedules and manually control the connected device.
  - Up to eight individual schedules events can be programmed.
  - Events are configured with date, time, repeat, and action functions.
- Configure IP information (address, subnet mask, default gateway, etc.) and user administrative settings.

#### Command Line Interface (CLI)

- Remote administration and control of the unit using Telnet protocol.
  - Requires a Telnet client program.
- View/edit device and AutoPing settings.
  - Ping up to two IP addresses.
- View/edit event schedules and manually control the connected device.
  - Up to eight individual schedules events can be programmed.
  - Events are configured with date, time, repeat, and action functions.
- Configure IP information (address, subnet mask, default gateway, etc.) and user administrative settings.

#### Command Line Interface (CLI)

- Use a Windows batch file to automatically power on/off/reboot the connected device.
  - E.g. a status monitor program can be used to detect faults and then trigger a reboot when preset parameters are not met.
- Commands can be added or modified in the script depending on the requirement.
  - A list of available commands is in the manual.
- To execute the demo, enter the following into the Windows command prompt: dir>trigger.bat