

Code Activated Remote AC Power Switch

Remote Power Switching of your 115/230 VAC Powered Equipment ... From Anywhere!

Applications:

- Remote AC Power Control
- Reboot of Network Control Equipment
- On/Off Control of Process Controllers
- PC Control of Any AC Powered Device

Features:

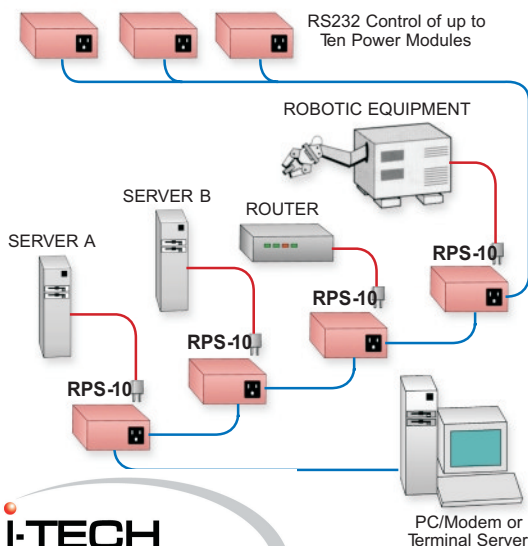
- RS232 Control of up to 10 Individual AC Power Outlets
- On, Off or Toggle Commands
- Switch up to 15 Amps (115VAC) or 5 Amps (230VAC)
- End-to-End Link Distance of Over 2,000 Feet



115/230VAC powered equipment sometimes requires remote ON/OFF control for remote applications or automated control functions. When distance makes this costly or time consuming, the RPS-10 will accomplish the power ON/OFF function for you. On command, the RPS-10 will give you total control over your AC-powered devices via ASCII code control string.

The RPS-10 series consists of a Master module controlled via RS-232 ASCII code for one AC power outlet, and up to an additional (9) "satellite" modules which will also control an additional AC outlet. Each addressable RPS-10 unit can be switched ON, OFF or Toggled. This will allow you to take equipment off-line for a period of time or reboot the device: The RPS-10 can even give you a status report of each module to poll current ON or OFF status.

The RPS-10 Master module is controlled via serial DB-9M RS-232 interface. Additional RPS-10 satellite modules are linked together with RJ-style cable to the RPS-10 Master unit with an end to-end distance of 2,000 feet using 4-wire RJ-11 cable.



RPS-10 SERIES-Expandable Remote AC Power Switch

The RPS-10 is controlled via ASCII control string which consist of an ASCII control sequence, module number & function character followed by a carriage return. A status command will display the current status of all of the RPS-10 modules on the link.

The RPS-10 can be rack-mounted or distributed throughout the facility for automated control of AC-powered equipment. A heavy duty version is also available for up to 15 Amp (115VAC) power requirements. There is also an RPS-10 version for 230VAC power requirements.

Specifications

Switched Outlet:

1 plug rated at 10 Amps (115VAC)
or 5 Amps (230VAC)
15 Amp (115VAC) Optional

Control Port:

RS-232 DB-9M Connector DTE
Configuration

Link Port:

RJ-11 Interface, RS-485 Protocol,
2,000 Ft. End-to-End distance

Coding:

RS-232 ASCII, 8 bits, no parity

Data Rate:

9600bps or 2400bps, Switch Selectable

Power:

Internal 115VAC, 670 Hz (10 or 15-Amp
Versions) 230VAC, 50 Hz (5 Amp
Max. Load)

Size:

1.65"H x 5.50"W x 5.0"D

Rack Option:

1.75"H x 19.0"W x 5.50"D
One Rack Unit (Optional)

Weight:

Each Module 2 lbs.
(3 lbs. per unit shipping weight)

Ordering Information

RPS-10M: Master Module 10 Amps
115VAC; RS-232 Control Port

RPS-10S: Satellite Module 10 Amps
115VAC (Controlled via RPS-10M)

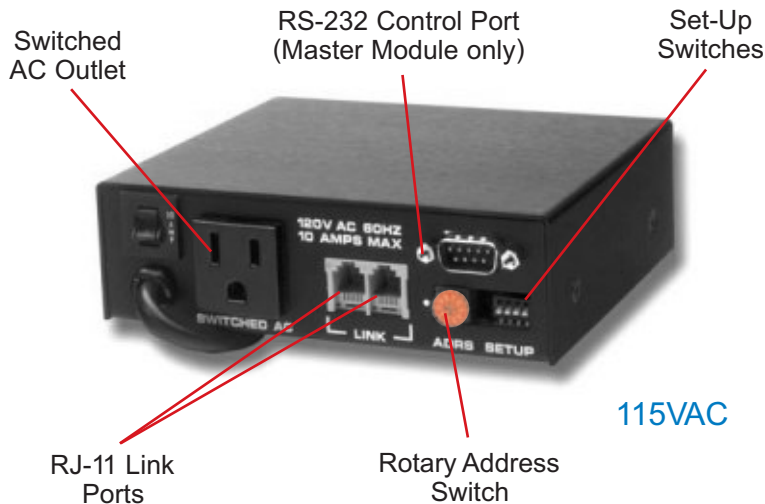
RPS-10M-HD: Master Module 15 Amps
115VAC; RS-232 Control Port

RPS-10S-HD: Satellite Module 15 Amps
115VAC (Controlled via RPS-10M)

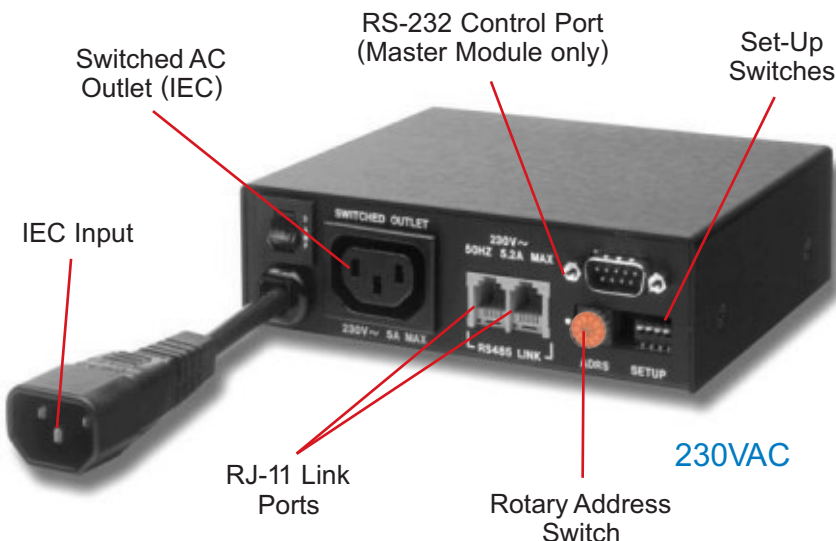
RPS-10M-EC: Master Module 5 Amps
230VAC; RS-232 Control Port

RPS-10S-EC: Satellite Module 5 Amps
230VAC (Controlled via RPS-10M)

RPS-10R: Rack Tray (Holds
up to 3 RPS-10 Modules)



115VAC



230VAC



RPS-10(Rack Assembly)

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