PDU 4/4
Power Distribution Unit

The Logical Solution

The ability to remotely manage equipment is one of the most critical aspects of modern IT infrastructure. Thinklogical's PDU 4/4 - Remote Power Distribution Unit offers power management for up to eight devices (computers, hubs, routers, etc.) and works in conjunction with Thinklogical's Secure Console Servers. The PDU offers effective out-of-band management by enabling users to power cycle, hard boot, and control power to individual servers through console management sessions. Power restarts can be sequenced using programmed time delays to minimize surge or allow drive spin-up time.

The Features

- Eight individually-controlled AC power outlets
- Dual 15 Amp (max) circuits, four 10A (max) outlets per circuit
- Redundant DC power supplies for built-in I/O and control circuits
- Individually programmable Reboot Time Delay on each outlet
- Solid state zero-crossing relays to minimize power spikes
- Easily expandable configuration
- Password Security
- User-definable Port Names and Port Groups
- Front panel display for easy system set up and configuration

The System

Thinklogical's Power Distribution Unit (PDU 4/4) is an AC Power Switch that provides the ability to remotely control the power to eight devices. It gives system administrators the capability to restart a "locked up" network device from anywhere on their network. The PDU 4/4 provides eight individually-controlled AC power outlets that are switched off and back on as desired. The PDU 4/4 communicates with its control terminal using a serial interface.

The easy to use, PDU 4/4 provides the means to control all devices with simple commands to turn Power Off / On to reboot any one port, multiple ports, port groups or all devices. Power restarts can be sequenced using programmed time delays to minimize surge or allow drive spin-up time. Rear panel LEDs are also provided to show the status of each port.

Your configuration can be easily expanded by adding PDU 4/4 boxes and a serial cable for each. A single serial interface integrates the control of all PDU 4/4s in your application. Up to sixteen PDU 4/4s can be cascaded together to control multiple systems from one common user interface.

Each PDU 4/4 utilizes two banks of four outlets; each outlet individually switches and rated at 10 Amperes maximum with each bank rated at 15 Amperes total. The PDU 4/4 is designed for rack mounting (1U) or desktop.

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Rear Panel Connections

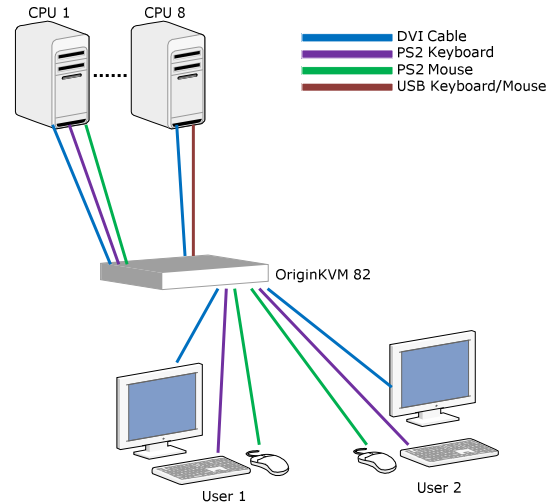|	
Bank Supply	Power Cord (2)
Bank Breaker	Push Button Switch (2)
Bank Outlet	AC Power Outlet (8)
Software Updates	USB B
Control In Port	RJ45
Control Out Port	RJ45

Cables Included with Each Unit
KIT-000014-R Cable Kit which contains:
PS/2 Male to PS/2 Male, 6 feet (4)
USB Type A to USB Type B Cable, 6 feet (8)
HDMI Male to DVI Male Cable, 2 meters (10)

Specifications

Supply Voltage	100 to 240 VAC, 50/60 Hz
Operating Temp.	0°-50°C (32°-122°F)
Humidity	5-95% RH, non-condensing
Dimensions	Height: 1U-1.75" (4.4cm)
And Weights	Depth: 14.25" (36.2cm)
	Width: 17.50" (44.5cm)
	(Tolerance: ± .039"; .100cm)
	Weight: 11lbs (4.99kg)
	Shipping Weight: 27lbs (12.25kg)
Power Consumption	26 watts
Warranty	12 months from date of shipment.
Extended warranties available	

Typical Application for PDU 4/4

The OriginKVM 82 is a two user, eight CPU switch. Two of the CPU connections provide either PS2 or USB interface to the PC while the six remaining ports are used for USB connections.

Ordering Information

Part Number	Description
PDU-000001	Power Distribution Unit, Domestic, Serial Interface
PDU-000002	Power Distribution Unit, International, Serial Interface
PDU-000003	Power Distribution Unit, Domestic, Ethernet Interface
PDU-000004	Power Distribution Unit, International, Ethernet Interface

Please contact a Thinklogical sales representative.

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