Management Interface
The management interface for this PDU model is transitioning to a new technology platform. The new interface can be distinguished by a USB-A port (for EnviroSense2 modules) in place of the round ENVIROSENSE port. For managing the units containing the round port, Tripp Lite recommends using the PowerAlert Console Launcher rather than a web browser. This application enables local access of the PDU using a self-contained, compatible Java Runtime Environment version. The Console Launcher can be downloaded for free; click the above link or go to the Management Solutions / Utilities page. Units with the new interface work will with most current web browsers.

7.4kW Single-Phase Switched PDU, LX Platform Interface, 230V Outlets (16-C13), IEC-309 Blue 230V 32A, 3.6m Cord, 2U Rack-Mount, TAA

MODEL NUMBER: PDUMH32HVNET

Highlights

- Switched 32A 7.4kW 230V PDU; 2U horizontal rackmount
- LX Platform interface reports voltage, frequency & loading information
- Visual current meter; Reversible housing
- Blue 230V IEC-309 32A (2P+E) input cable
- 16 C13 switched outlets with plug-lock cable retention inserts
- Temperature, humidity and contact closure options
- TAA Compliant
- To enable the Auto Probe feature, this product requires LX firmware update 15.5.2 or later to be installed

Package Includes

- PDUMH32HVNET Switched PDU
- Rack installation brackets
- Cable retention inserts
- Configuration cable
- Owner's manual

Description

Tripp Lite Switched PDU / Power Distribution Unit offers advanced network control and monitoring with the ability to turn on, turn off, recycle or lock-out power to each individual receptacle, monitor site electrical conditions and remotely monitor output power consumption. Built-in LX Platform network management interface. The Java-free LX Platform HTML5-based network interface enables full remote access for PDU status monitoring and email notifications via secure web browser, SNMP, telnet or SSH. It supports 10/100 Mbps auto-sensing for optimum communication with an Ethernet network. Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities. Protocols supported include HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP. Individually switched outlets can be controlled in real-time to remotely reboot unresponsive network hardware, or be custom programmed for user-defined power-up and power-down sequences to ensure proper startup of interdependent IT systems and prevent inrush-related overloads as network equipment is first energized. Unused PDU outlets can be electronically locked off to prevent the connection of unauthorized hardware. PDU output current consumption in amps is displayed locally via front panel current meter or remotely via web/network interface to warn of potential overloads before critical IT mains or branch breakers trip.

Features

- 230V Switched PDU with built-in web/network interface in 2U rackmount form factor; 32A capacity
- Blue 230V IEC-309 32A (2P+E) input cable; 12 ft. / 3.6m power cable included
- 16 switched C13 outlets
- 2U horizontal rackmount form factor
- Supports power-on, power-off or reboot of each outlet on a real-time or programmable basis

- Enables reboot of locked equipment, custom power-on/power-off sequences, load-shedding of optional loads and disabling unused outlets
- Network interface provides PDU control and data regarding input voltage, frequency and loading information
- Digital display reports load level information in amps
- Supports user-specified alarm notification thresholds
- DHCP/Manual configuration support
- 10/100 Mbps auto-sensing
- Real-time clock backup maintains the time of day and date even if the PDU is unpowered
- Alert notifications via email or SNMP traps offer immediate event notification
- Firmware upgrade ability supports future product enhancements
- LX Platform interface allows full remote access for power monitoring with email notifications via secure web browser, SNMP, telnet or SSH
- Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities
- Auto Probe feature (Firmware 15.5.2 and greater) checks the connectivity status of any networked device and automatically takes one or more user-configured actions if the device fails to respond; actions include outlet reboot, set SNMP traps, SNMP OID sets, and even script execution when used in conjunction with the Tripp Lite PowerAlert Network Shutdown Agent (PANSA)
- Mounting flanges support installation in 2 and 4 post racks, with additional support for wall-mount and under-counter installation formats
- Mounting ears are reversible for front or rear facing rackmount installation
- Included cord retention brackets
- TAA Compliant

Specifications

OVERVIEW	
UPC Code	037332157249
PDU Type	Switched

INPUT	
Nominal Input Voltage(s) Supported	230V AC
PDU Input Voltage	230
Recommended Electrical Service	32A 230V
Maximum Input Amps	32
PDU Plug Type	IEC-309 32A BLUE (2P+E)

Input Phase	Single-Phase
Input Cord Length (ft.)	12
Input Cord Length (m)	3.66

OUTPUT

Output Capacity Details	7.4kW (230V) / 32A total capacity / 20A max per breakered outlet bank; 16A max per C19 outlet, 10A max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(16) C13
Output Nominal Voltage	230
Overload Protection	Two 20A circuit breakers protect 8 outlets each
Customized Load Management Receptacles	Each outlet is individually controllable via remote interface

USER INTERFACE, ALERTS & CONTROLS

Front Panel LCD Display	Digital display reports output amps in 3 loading segments (BANK 1: Outlets #1-8; BANK 2: Outlets #9-16; BANK 3: All outlets combined)
Front Panel LEDs	16 power availability LEDs confirm power off/on status for each built-in outlet; Two additional LEDs identify which bank the visual current meter is reporting (Bank 1, Bank 2 or Banks 1&2 combined); WEBCARDLX: LX Platform Status LED (Green); Network Link/Activity LED (Yellow), Network Speed LED (Green)
Switches	Pushbutton near the digital current meter advances the display of output current for Bank 1, Bank 2 and Banks 1&2 combined; WEBCARDLX : Recessed reset switch for card reboot and factory reset

PHYSICAL

Form Factors Supported	2U rackmount
Material of Construction	Metal
Minimum Required Rack Depth (cm)	37.59
Minimum Required Rack Depth (inches)	14.8
PDU Form Factor	Horizontal (2U)
Shipping Dimensions (hwd / cm)	19.56 x 42.93 x 50.04
Shipping Dimensions (hwd / in.)	7.70 x 16.90 x 19.70
Shipping Weight (kg)	7.44
Shipping Weight (lbs.)	16.40
Unit Dimensions (hwd / cm)	8.9 x 44.5 x 31.75
Unit Dimensions (hwd / in.)	3.5 x 17.5 x 12.5
Unit Weight (kg)	6.21
Unit Weight (lbs.)	13.7

ENVIRONMENTAL

Storage Temperature Range	-30°C to +50°C (-22°F to +122°F)
Relative Humidity	Up to 95% non-condensing
COMMUNICATIONS	
SNMP Compatibility	LX platform interface provides remote monitoring and control via Java-free HTML5 web interface, telnet, SSH and SNMP management systems
SPECIAL FEATURES	
High Availability PDU Features	Auto Probe Monitoring and Reboot (included)
STANDARDS & COMPLIANCE	
Certifications	Tested to CE (IEC 60950-1), EN Class A (Emissions), RoHS compliant, TAA Compliant
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty