2.9kW Single-Phase Switched PDU - LX Interface, 120V Outlets (24 5-15/20R), 10 ft. (3.05 m) Cord with L5-30P, 0U, TAA

MODEL NUMBER: **PDUMV30NETLX**











2.9kW vertical PDU distributes, monitors and manages single-phase power in an IT or industrial environment. Built-in network interface helps you remotely monitor load levels to prevent overloads that cause downtime.

Highlights

- 2.9kW 120V switched PDU
- 24 individually controllable NEMA 5-15/20R outlets
- Pre-installed WEBCARDLX with latest version of PADM20 for IP-based Auto Probe feature
- Digital ammeter for on-site load monitoring in real time
- NEMA L5-30P input with 10-ft. (3.05 m) AC power cord

Package Includes

- PDUMV30NETLX 2.9kW Single-Phase Switched PDU
- Built-in LX Platform interface
- Configuration cable
- (24) Cable ties
- (2) Cord retention brackets
- Rack-mounting hardware
- PDUMVROTATEBRKT mounting bracket accessory
- Owner’s manual

Description

The PDUMV30NETLX 2.9kW Single-Phase Switched PDU provides advanced network control and remote power monitoring with the ability to turn on, turn off, reboot or lock out power to each outlet. Recommended for any IT or industrial application, it features 24 switched NEMA 5-15/20R outlets with included cord retention brackets to prevent cables from becoming accidentally disconnected. A 10-ft. (3.05 m) cord with NEMA L5-30P plug connects the PDU to a compatible AC power source, generator or protected UPS.

The built-in Java-free HTML5-based LX Platform 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.

A digital ammeter allows you to monitor each bank's load in real time to ensure it remains well below maximum capacity with no danger of overload. The vertical PDU mounts in 0U of space in EIA-standard 19-inch racks using the included toolless mounting buttons or the included rack-mounting brackets. Use the included PDUMVROTATEBRKT kit to install the unit with outlets facing the rear for better airflow or equipment access.

Features

Distributes Network-Grade Single-Phase Power2.9kW 120V switched rack PDU (rPDU)Recommended for network applications requiring individual outlet control, load shedding and remote monitoring of critical network componentsNEMA L5-30P plug with 10-ft. (3.05 m) cord connects to compatible AC power sourceFirmware upgrades support future product enhancements

24 Switched Outlets Distribute AC Power24 NEMA 5-15/20R outlets split into 2 separately breakered load banksIndividual outlets can be remotely controlled to power up, power down, reboot or lock out devicesCord retention brackets prevent cables from becoming accidentally disconnected

Digital Ammeter Reports load level on each bank and total PDU outputSupports IP-address self-IDRotates 180° for easy reading at either angle

Built-In LX Platform Interface Pre-installed WEBCARDLX with the latest version of PowerAlert Device Manager firmware (PADM20) provides enhanced remote management capabilitiesPADM20 and

PowerAlert Element Manager (PAEM) form a powerful tool for expanding maintenance functions in large installations, including firmware update checks and backup and restoration of device configurationsIP-based Auto Probe detects lost connectivity and restores service autonomouslySupports 10/100 Mbps auto-sensing for communication with an Ethernet networkOptional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilitiesNo Java required

Broad Communications Compatibility Supports HTTP, HTTPS, SMTP, SNMPv1, SNMPv2c, SNMPv3, telnet, SSH, CLI, FTP, DHCP and NTPSupports automatic and manual assignment of IP address

Easy 0U Installation in EIA-Standard 19 in. Racks Mounts vertically using included toolless buttons or rack-mounting bracketsIncluded PDUMVROTATEBRKT allows mounting with rear-facing outlets

TAA-Compliant Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
UPC Code	037332204462
PDU Type	Switched
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	120
Recommended Electrical Service	Single-phase 30A 120V service
Maximum Input Amps	24
Maximum Input Amps Details	Agency de-rated to 24A continuous
PDU Plug Type	NEMA L5-30P
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
OUTPUT	
Output Capacity Details	2.88kW (120V) / 24A total capacity; 20A max per breakered load bank; 16A max per outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(24) 5-15/20R
Output Nominal Voltage	120V
Overload Protection	Two 20A breakers protect 12 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 separately metered loading segments (BANK 1: Outlets #1-12; BANK 2: Outlets #13-24; BANK 3: All outlets combined)
Switches	Pushbutton scroll button enables local power consumption display of each load bank, display rotate and display IP address functions. LX Platform Interface: Recessed reset switch for interface reboot and factory reset

LED Indicators	24 power availability LEDs confirm power off/on status for each built-in outlet. Network Link/Activity Status LED (Yellow), Network Speed LED (Green); LX Platform status LED (Green)
SURGE / NOISE SUPPRESSION	
Automatic Shut-Off	No
PHYSICAL	
Material of Construction	Metal
Rack Height	0U
Form Factors Supported	0U vertical rackmount; includes rackmount brackets. Supports toolless mounting in button-mount compatible racks
PDU Form Factor	Vertical (0U)
Shipping Dimensions (hwd / in.)	4.00 x 6.00 x 72.50
Shipping Dimensions (hwd / cm)	10.16 x 15.24 x 184.15
Shipping Weight (lbs.)	16.50
Shipping Weight (kg)	7.48
Unit Dimensions (hwd / in.)	70.000 x 2.190 x 2.650
Unit Dimensions (hwd / cm)	177.8 x 5.6 x 6.73
Unit Weight (lbs.)	14.1
Unit Weight (kg)	6.40
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-22° to 140°F (-30° to 60°C)
Relative Humidity	5% to 95% non-condensing
Operating Elevation	0-10000 ft. (0-3000 m)
COMMUNICATIONS	
PowerAlert Software	LX Platform Interface: PowerAlert Device Manager
Communications Cable	RJ45-to-DB9 configuration/console Access cable
Network Monitoring Port	RJ45 Network port, RJ45 Serial Config/Console Access port; USB A port supports a variety of Envirosense2 environmental and control modules. See Accessories>Management Hardware section for more information about these modules.
SNMP Compatibility	Pre-installed LX platform interface provides remote monitoring via Java-free HTML5 web interface, telnet, SSH and SNMP management systems
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet)
FEATURES & SPECIFICATIONS	
High Availability PDU Features	Auto Probe Monitoring and Reboot (included); Auto Load Shedding
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 60950-1 (Canada); NOM (Mexico); UL 60950-1

Product Compliance	RoHS; FCC Part 15 Class A (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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