

2.9kW Single-Phase Monitored PDU with LX Platform Interface, 120V Outlets (24 5-15/20R), L5-30P Plug, 0U Vertical, TAA

MODEL NUMBER: PDUMNV30LX



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

Description

The PDUMNV30LX 2.9kW Single-Phase Monitored PDU provides real-time remote monitoring of voltage, frequency and load levels via built-in network connection. Recommended for IT and industrial applications, the vertical PDU features 24 NEMA 5-15/20R outlets with included cord retention brackets to prevent cables from becoming accidentally disconnected. A 10-foot 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 IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP.

A digital ammeter allows you to monitor power consumption for both breakered load banks, as well as the total load to ensure they remain well below maximum capacity with no danger of overload. The 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 and Monitors Network-Grade AC Power

Highlights

- 2.9kW 120V single-phase monitored 0U PDU
- 24 NEMA 5-15/20R outlets with cord retention brackets
- Built-in Java-free LX Platform interface for 24/7 remote access
- Digital ammeter for on-site load monitoring in real time
- NEMA L5-30P input with 10 ft. AC power cord

Package Includes

- PDUMNV30LX 2.9kW Single-Phase Monitored 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



- 2.9kW 120V 20A monitored PDU with single-phase input
- NEMA L5-30P with 10 ft. cord connects to compatible AC power source
- Firmware upgrades support future product enhancements

24 NEMA 5-15/20R Outlets Distribute Power

- Cord retention brackets prevent cables from becoming accidentally disconnected

Digital Ammeter

- Reports power consumption for both breakered load banks, plus total output current
- Supports IP-address self-ID
- Rotates 180° for easy reading at either angle

Built-In LX Platform Interface

- Allows full remote access for power monitoring with email notifications via secure web browser, SNMP, telnet or SSH
- Supports 10/100 Mbps auto-sensing for communication with an Ethernet network
- Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities
- No Java required

Broad Communications Compatibility

- Supports IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP
- Supports 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 brackets
- Included 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	037332203359
PDU Type	Monitored
OUTPUT	



Output Capacity Details	3.05kW (127V), 2.88kW (120V), 2.4kW (100V) / 30A total capacity (Agency de-rated 24A); 20A max per breakered load bank; 16A max per outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(24) 5-15/20R
Output Nominal Voltage	100; 120; 127
Overload Protection	Two 20A breakers protect 12 outlets each
Customized Load Management Receptacles	n/a
INPUT	
PDU Input Voltage	100; 120; 127
Recommended Electrical Service	30A 120V
Maximum Input Amps	30
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
Input Phase	Single-Phase
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital meter reports PDU output current in amps, Scroll IP-address information; Display can be rotated 180 degrees for installation with the input cable at the top
Front Panel LEDs	Front panel LEDs indicate which loading segment the digital LCD current display is reporting; Bank 1 LED indicates the meter is reporting load level for outlets 1-12; Bank 2 LED indicates the meter is reporting load level for outlets 13-24; Both LEDs lighted indicates the meter is reporting load level for all outlets combined
Switches	Press the SCROLL IP button and release to display the configured IP address in 2 digit intervals; Press the SELECT / ROTATE button and release after one second to advance the local display power power consumption for the 3 reported segments; Bank 1, Bank 2 and Banks 1+2; Press the SELECT / ROTATE button and release after two seconds to rotate the display 180 degrees
Current Measurement Accuracy (Amps)	+/-1%
Voltage Measurement Accuracy (Volts)	+/-1%
Power Measurement Accuracy (Watts)	+/-1%
PHYSICAL	
Shipping Dimensions (hwd / in.)	5.00 x 6.30 x 73.10
Shipping Dimensions (hwd / cm)	12.70 x 16.00 x 185.67
Shipping Weight (lbs.)	13.60
Shipping Weight (kg)	6.17
Unit Dimensions (hwd / in.)	70 x 2.19 x 1.75



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Unit Dimensions (hwd / cm)	177.8 x 5.56 x 4.45
Unit Weight (lbs.)	11.5
Unit Weight (kg)	5.22
Form Factors Supported	0U vertical rackmount installation supported with included mounting brackets; supports toolless mounting in button-mount compatible racks
PDU Form Factor	Vertical (0U)
ENVIRONMENTAL	
Storage Temperature Range	5 to 140F (-15 to 60C)
Relative Humidity	5-95% non-condensing
Operating Elevation (ft.)	0-10,000
Operating Elevation (m)	0-3000
COMMUNICATIONS	
SNMP Compatibility	Pre-installed LX platform interface provides remote monitoring via Java-free HTML5 web interface, telnet, SSH and SNMP management systems
CERTIFICATIONS	
Certifications	Tested to UL60950-1:2007 (USA), CAN/CSA-C22.2 NO. 60950-1-07 (Canada), FCC Class A Part 15 (Emissions), NOM (Mexico), RoHS compliant, TAA Compliant
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

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