1.9kW Single-Phase Monitored PDU with LX Platform Interface, 120V Outlets (24 5-15/20R), 0U Vertical, 70 in., TAA

MODEL NUMBER: **PDUMNV20LX**

Cost-effective 1.9kW PDU distributes and monitors single-phase power in an IT or industrial environment. Built-in network interface helps monitor load levels to prevent overloads that cause downtime.

Description

The PDUMNV20LX 1.9kW Single-Phase Monitored PDU provides real-time remote monitoring of voltage, frequency and load levels via built-in network connection. Recommended for any IT or industrial application, it 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 L5-20P plug and 5-20P adapter 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 the PDU's current level in real time to ensure it remains 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 Network-Grade Single-Phase Power

- 1.9kW 120V 20A monitored PDU with single-phase input/output
- NEMA L5-20P with 10 ft. cord connects to compatible AC power source

Highlights

- 1.9kW 120V 20A monitored PDU
- 24 NEMA 5-15/20R outlets with cord retention brackets
- NEMA L5-20P input with 5-20P adapter and 10 ft. AC power cord
- Digital ammeter for on-site load monitoring in real time
- Built-in LX Platform interface for remote access

Package Includes

- PDUMNV20LX 1.9kW Single-Phase Monitored PDU
- Configuration cable
- (24) Cable ties
- (2) Cord retention brackets
- NEMA 5-20P adapter
- Rack-mounting hardware
- PDUMVROTATEBRKT mounting bracket accessory
- Owner's manual

- NEMA 5-20P adapter converts locking input plug to straight-blade plug
- Firmware upgrades support future product enhancements

24 Outlets Distribute AC Power

- 24 NEMA 5-15/20R outlets
- Cord retention bracket prevents cables from becoming accidentally disconnected

Digital Ammeter

- Reports total connected equipment load
- 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
- Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities
- No Java required

Broad Communications Compatibility

- Supports 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	037332205308
PDU Type	Monitored

OUTPUT	
Frequency Compatibility	50 / 60 Hz
Output Capacity Details	2.03kW (127V), 1.92kW (120V), 1.6kW (100V) / 20A total capacity (Agency de-rated to 16A); 16A max per outlet

Output Receptacles	(24) 5-15/20R
Output Nominal Voltage	100; 120; 127
Overload Protection	n/a

INPUT

PDU Input Voltage	100; 120; 127
Recommended Electrical Service	20A 120V
Maximum Input Amps	20
PDU Plug Type	NEMA 5-20P; NEMA L5-20P
Input Phase	Single-Phase
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05

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	n/a
Switches	Press the SCROLL IP / ROTATE button and release after one second to display the configured IP address in 2 digit intervals; Press and release after two seconds to rotate the display 180 degrees

PHYSICAL

Form Factors Supported	0U vertical rackmount installation supported with included mounting brackets; supports toolless mounting in button-mount compatible racks
Material of Construction	Metal
PDU Form Factor	Vertical (0U)
Shipping Dimensions (hwd / cm)	12.70 x 16.00 x 185.93
Shipping Dimensions (hwd / in.)	5.00 x 6.30 x 73.20
Shipping Weight (kg)	6.03
Shipping Weight (lbs.)	13.30
Unit Dimensions (hwd / cm)	177.8 x 5.56 x 4.45
Unit Dimensions (hwd / in.)	70 x 2.19 x 1.75
Unit Weight (kg)	5.53
Unit Weight (lbs.)	12.2

ENVIRONMENTAL

Storage Temperature Range	5 to 122F (-15 to 50C)
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 UL/CAN 60950-1 (USA, Canada), FCC Class A, Part 15 (Emissions), NOM (Mexico), RoHS compliant, TAA Compliant
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty