2.9kW Single-Phase Switched PDU, LX Platform, Outlet Monitoring, 120V Outlets (24 NEMA 5-15/20R), L5-30P Plug, 0U, TAA

MODEL NUMBER: PDUMVR30NETLX

2.9kW vertical PDU with individual outlet metering distributes, monitors and manages single-phase power. Built-in Java-free network interface helps you remotely monitor load levels to prevent overloads that cause downtime.

Description
The PDUMVR30NETLX 2.9kW Single-Phase Switched PDU with individual outlet metering provides advanced network control and remote power monitoring with the ability to turn on, turn off, reboot or lock out power to each outlet. By reducing the frequency of on-site visits, these advanced remote capabilities can save you money and reduce downtime.

The switched PDU features 24 individually controllable NEMA 5-15/20R outlets with included cord retention brackets to prevent cables from becoming accidentally disconnected. A 10-foot power cord with NEMA L5-30P plug connects the PDU to an AC 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, SNMPv1, SNMPv2, SNMPv3, Telnet, SSH, CLI, FTP, DHCP and NTP.

A digital ammeter allows you to monitor each load bank’s current, each outlet’s current and the total connected PDU load in real time to ensure they remain well below maximum capacity with no danger of overload. The switched PDU mounts in 0U of space in EIA-standard 19-inch racks using the included toolless mounting buttons or the included rack-mounting brackets.

Features
Distributes, Monitors and Manages Network-Grade AC Power
- 2.9kW 120V single-phase switched 70-inch 0U PDU
- 24 controllable NEMA 5-15/20R outlets in 2 load banks
- 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
- To enable the Auto Probe feature, this product requires LX firmware update 15.5.2 or later to be installed

Package Includes
- PDUMVR30NETLX 2.9kW Single-Phase Switched PDU
- Built-in LX Platform interface
- Configuration cable
- Cord retention brackets
- (24) Cable ties
- Rack-mounting hardware
- PDUMVROTATEBRKT mounting bracket accessory
- Owner’s manual

Highlights
- 2.9kW 120V single-phase switched 70-inch 0U PDU
- 24 controllable NEMA 5-15/20R outlets in 2 load banks
- 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
- To enable the Auto Probe feature, this product requires LX firmware update 15.5.2 or later to be installed
Specifications

<table>
<thead>
<tr>
<th>OVERVIEW</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>UPC Code</td>
<td>037332204158</td>
</tr>
<tr>
<td>PDU Type</td>
<td>Switched</td>
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<table>
<thead>
<tr>
<th>INPUT</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PDU Input Voltage</td>
<td>100; 120; 127</td>
</tr>
<tr>
<td>Recommended Electrical Service</td>
<td>30A 120V</td>
</tr>
<tr>
<td>Maximum Input Amps</td>
<td>30</td>
</tr>
<tr>
<td>Maximum Input Amps Details</td>
<td>Agency de-rated to 24A continuous</td>
</tr>
<tr>
<td>PDU Plug Type</td>
<td>NEMA L5-30P</td>
</tr>
<tr>
<td>Input Phase</td>
<td>Single-Phase</td>
</tr>
<tr>
<td>Input Cord Length (ft.)</td>
<td>10</td>
</tr>
<tr>
<td>Input Cord Length (m)</td>
<td>3.05</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>OUTPUT</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Output Capacity Details</td>
<td>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</td>
</tr>
<tr>
<td>Frequency Compatibility</td>
<td>50 / 60 Hz</td>
</tr>
<tr>
<td>Output Receptacles</td>
<td>(24) 5-15/20R</td>
</tr>
<tr>
<td>Output Nominal Voltage</td>
<td>100-127V nominal, single phase</td>
</tr>
<tr>
<td>Overload Protection</td>
<td>Two 20A breakers protect 12 outlets each</td>
</tr>
<tr>
<td>Customized Load Management Receptacles</td>
<td>Each outlet is individually controllable via remote interface</td>
</tr>
</tbody>
</table>
USER INTERFACE, ALERTS & CONTROLS

Front Panel LCD Display
Digital display reports load level in amps for LOAD BANK 1 (Outlets 1-12), LOAD BANK 2 (Outlets 13-24), LOAD BANKS 1 & 2 COMBINED (Outlets 1-24) and each individual output receptacle; Digital display can also be used to scroll the configured IP address.

Front Panel LEDs
BANK 1 and BANK 2 LEDs verify which load bank the digital current display is reporting (Bank 1, Bank 2 or Banks 1 & 2 Combined); BANK 1 or BANK 2 LED will flash when the digital display is reporting output current for one of the outlets in that load bank; 24 additional LEDs, one near each output receptacle, will light continuously to verify power on/off status and flash to indicate that the digital display is reporting output current for just that individual receptacle.

Network Link/Activity Status LED (Yellow), Network Speed LED (Green); LX Platform status LED (Green)

Switches
SELECT OUTLET and SELECT BANK switches advance the LCD screen and associated LED to display power consumption for individual output receptacles and output load banks; Press and hold the SELECT BANK button for 4 seconds to rotate the digital display 90 degrees for overhead power input; Press and hold the SELECT OUTLET button for 4 seconds to scroll the configured IP address. LX Platform Interface: Recessed reset switch for interface reboot and factory reset.

Current Measurement Accuracy (Amps)
+/-1%

Voltage Measurement Accuracy (Volts)
+/-1%

Power Measurement Accuracy (Watts)
+/-1%

PHYSICAL

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 / cm)
13.72 x 17.27 x 193.29

Shipping Dimensions (hwd / in.)
5.40 x 6.80 x 76.10

Shipping Weight (kg)
7.30

Shipping Weight (lbs.)
16.10

Unit Dimensions (hwd / cm)
178 x 5.6 x 5.2

Unit Dimensions (hwd / in.)
70 x 2.2 x 2.04

Unit Weight (kg)
4.51

Unit Weight (lbs.)
9.94

ENVIRONMENTAL

Storage Temperature Range
-30°C to +50°C (-22°F to +122°F)

Relative Humidity
5 to 95% non-condensing

COMMUNICATIONS

Network Monitoring Port
RJ45 Network port, RJ45 Config/Console Access port; USB A port supports a variety of Environet2 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

SPECIAL FEATURES


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<tr>
<th>High Availability PDU Features</th>
<th>Auto Probe Monitoring and Reboot (included)</th>
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### STANDARDS & COMPLIANCE

| Certifications | Tested to UL60950-1: 2007 R12.11 (USA), CAN/CSA-C22.2 NO. 60950-1-07+A1: 2011 (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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