2.9kW Single-Phase Switched PDU - LX Interface, 120V Outlets (16 5-15/20R), 10 ft. (3.05 m) Cord with L5-30P, 2U, TAA

MODEL NUMBER: **PDUMH30NET**



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

Highlights

- 2.9kW 120V single-phase 2U rack-mount switched PDU
- 16 controllable NEMA 5-15/20R outlets in 2 load banks
- 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

- PDUMH30NET 2.9kW Single-Phase Switched PDU
- Built-in LX Platform interface
- Configuration cable
- Cord retention brackets
- (16) Cable ties
- Rack-mounting hardware
- Owner’s manual

Description

The PDUMH30NET 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. By reducing the frequency of on-site visits, these advanced remote capabilities can save you money and reduce downtime.

The switched PDU features 16 individually controllable NEMA 5-15/20R outlets with included cord retention brackets to prevent cables from becoming accidentally disconnected. A 10-ft. (3.05 m) power cord with NEMA L5-30P plug connects the PDU to a compatible 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, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP, BOOTP and NTP.

A digital ammeter allows you to monitor each load bank'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 2U of space in EIA-standard 19-inch racks using the included hardware or beneath a counter with user-supplied screws.

Features

Distributes, Monitors and Manages Network-Grade AC Power2.9kW 120V switched rack PDU (rPDU) with single-phase inputNEMA L5-30P plug with 10-ft. (3.05 m) cord connects to compatible AC power sourceFirmware upgrades support future product enhancements

16 Switched NEMA 5-15/20R Outlets Distribute AC Power Individual outlets can be remotely controlled to power up, power down, reboot or lock out devicesIncluded cord retention brackets prevent cables from becoming accidentally disconnected

Digital Ammeter Reports current for each load bank and total connected PDU load

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 autonomously

Essential Safety Features Tiered access allows administrator and guest to log in via web browserImmediate alert notifications via email or SNMP trapsSupports user-specified alarm notification thresholdsReal-time clock backup maintains day/date even if PDU is unpowered

Easy 2U Installation in EIA-Standard 19 in. Racks Rack-mounting hardware included for front- or rear-facing installationUnder-counter mounting also available with included hardware and user-supplied screws

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

Specifications

OVERVIEW	
UPC Code	037332139313
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	(16) 5-20R
Output Nominal Voltage	120V
Overload Protection	Two 20A 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 current display with toggle switch reports output load level in 3 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 with toggle button identify which bank the visual current meter is reporting (Bank 1, Bank 2 or Bank 1&2 combined); WEBCARDLX: Link/Activity LED (Yellow), Network Speed (Green), LX operational status LED (Green))

Switches	Toggle switch advances the digitial display to report output current on Bank 1, Bank 2 or Banks 1&2 combined; WEBCARDLX: Recessed reset switch to reboot or reset network card to factory defaults
SURGE / NOISE SUPPRESSION	
Automatic Shut-Off	No
PHYSICAL	
Material of Construction	Metal
Rack Height	2U
Form Factors Supported	2U rackmount. Includes 2U mounting accessories for 4 post and 2 post rack installation
Minimum Required Rack Depth (cm)	44.45
Minimum Required Rack Depth (inches)	17.5
PDU Form Factor	Horizontal (2U)
Shipping Dimensions (hwd / in.)	7.80 x 16.80 x 19.80
Shipping Dimensions (hwd / cm)	19.81 x 42.67 x 50.29
Shipping Weight (lbs.)	17.30
Shipping Weight (kg)	7.85
Unit Dimensions (hwd / in.)	3.500 x 17.500 x 12.500
Unit Dimensions (hwd / cm)	8.9 x 44.5 x 31.75
Unit Weight (lbs.)	13.8
Unit Weight (kg)	6.26
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-22° to 122°F (-30° to 50°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	Micro-USB- to-USB A configuration/console Access cable
Network Monitoring Port	RJ45 Network port, Micro-USB Configuration 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	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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