

Hardwire Input Models: #6AWG (13.3mm²) copper wiring with ferrules is recommended for AC input terminal connections. Each input terminal connection should be torqued to 12.2 inch-pounds.

CAUTION: Improperly sized wiring, inadequate torque or use of non-copper wiring can result in overheating of input terminal connections.

28.8kW 3-Phase Switched PDU with LX Platform, 220/230/240V Output, Hardwire, Touchscreen LCD, 0U, TAA

MODEL NUMBER: PDU3XEVSRHWA







Switched PDU distributes, monitors and manages AC power in a data center or network installation.

Features

0U PDU Distributes, Monitors and Manages Network-Grade Power

Recommended for data centers, server rooms and network closets, this 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. You can efficiently manage network power consumption data per phase, per outlet and per load bank, detect imbalanced PDU loading and remotely reboot locked network items without having to visit the site. Reducing the number of on-site visits can help lower the cost of data center maintenance.

24 Outlets Dispense AC Power

During normal operation, 24 individually controllable outlets—12 C13 and 12 C19—distribute AC power to connected equipment. Each 220/230/240V outlet is accompanied by an LED that illuminates when the outlet is ramped up and ready to be used. The outlets are split into six separately breakered load banks that can be individually monitored to ensure proper load levels and prevent downtime due to overload related breaker trips. Plug-lock insert sleeves are included to prevent connected cables from becoming accidentally dislodged.

Built-In LX Platform Network Management Card Allows Remote Access 24/7

The 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. The 0U PDU can receive IP address assignments via DHCP server (automatic) or static (manual) method.

Color Touchscreen LCD Offers Important Data at a Glance

An easy-to-navigate color touchscreen LCD reports network data, including IP address, input current level per phase, and output current per load bank and per outlet with ±1% billing-grade accuracy. It also generates a unique QR code to allow read-only access to the switched PDU via mobile device. If an EnviroSense2 module is connected to the PDU, the LCD also displays its status and environmental data,

Highlights

- 12 C13 and 12 C19
 220/230/240V outlets distribute
 clean power to connected
 equipment
- Built-in Java-free HTML5-based LX Platform interface allows you 24/7 remote access
- Remote power monitoring and control reduces on-site visits and maintenance costs
- Hardwire (3P+N+E) 380/400/415V 3-phase input connects to compatible AC source
- Color touchscreen LCD provides current levels, environmental data and network info

Applications

- Powering a large data center with server racks running mission-critical applications
- Monitoring power loads from various computers, switches, servers and other networking equipment in a retail or wholesale environment
- Maintaining a major network installation in a government, commercial or industrial facility

Package Includes

- PDU3XEVSRHWA 28.8kW 3-Phase Switched PDU
- Built-in LX Platform interface
- Configuration cable
- (24) Plug-lock insert sleeves
- Rack-mounting hardware



such as temperature and humidity.

Easy to Install Vertically in an EIA-Standard 19 in. Rack

The 0U PDU mounts vertically using the pre-installed toolless mounting buttons or the included brackets. Spare buttons are also included. Use the included PDUMVROTATEBRKT kit to install the PDU with outlets facing the rear for better airflow or equipment access. Hardwire 380/400/415V input connects the PDU to a compatible AC power source, generator or protected UPS.

TAA-Compliant for GSA Schedule Purchases

The PDU3XEVSRHWA is compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

2-Year Warranty

The PDU3XEVSRHWA is backed by a 2-year warranty, ensuring reliability and performance.

Specifications

OVERVIEW	
UPC Code	037332206886
PDU Type	Switched
OUTPUT	
Output Capacity Details	28.8kW (415/240V), 27.7kW (400/230V), 26.3kW (380/220V) total capacity; 40A max per output phase (L1, L2, L3); 20A max per breakered outlet bank; 16A max per C19 outlet; 12A max (10A CE) per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(12) C13; (12) C19
Output Nominal Voltage	220 (380V input); 230 (400V input); 240 (415V input)
Overload Protection	6 20A circuit breakers, 1 per outlet bank
INPUT	
PDU Input Voltage	380; 400; 415
Recommended Electrical Service	External circuit breaker - 3 pole, 415V rated, 50A; Wiring - 5C, #8AWG (10mm2), 75C rated minimum; Conduit - 3/4 in. (PG21) minimum, flexible
Maximum Input Amps	40.0
PDU Plug Type	Hardwire
Input Phase	3-Phase
USER INTERFACE, ALERTS & CONTROLS	
Reported Load Segments	Reports input current per phase (L1, L2, L3), output current for each breakered outlet load bank (B1-B6) and per individual output receptacle (1-24); Outlets are color-coded and labeled for phase, bank and outlet identification; L1-N feeds black outlets (banks B1, B4); L2-N feeds dark-gray outlets (banks B2, B5); L3-N feeds light-gray outlets (banks B3, B6)

- Spare mounting buttons
- PDUMVROTATEBRKT mounting bracket accessory
- Owner's manual



WARRANTY	
Certifications	Tested to IEC 60950-1: 2005+A1:2009 (CE), UL60950-1: 2007 R12.11 (USA), CAN/CSA-C22.2 NO. 60950-1- 07+A1: 2011 (Canada), NOM (Mexico), FCC / CE Class A (Emissions), RoHS (Hazardous Substances), TAA Compliant (USA Trade Agreement Act)
CERTIFICATIONS	
Operating Elevation (m)	0-3000
Operating Elevation (ft.)	0-10,000
Relative Humidity	5 to 95% non-condensing
Storage Temperature Range	5 to 140F (-15 to 60C)
Operating Temperature Range	32 to 122F (0 to 50C)
ENVIRONMENTAL	T
PDU Form Factor	Vertical (0U)
Form Factors Supported	Vertical rackmount installation supported with included mounting brackets; supports toolless mounting in button- mount compatible racks
Material of Construction	Metal
Unit Weight (kg)	5.90
Unit Weight (lbs.)	13.01
Unit Dimensions (hwd / cm)	177.8 x 5.51 x 6.4
Unit Dimensions (hwd / in.)	70 x 2.17 x 2.52
Shipping Weight (kg)	7.77
Shipping Weight (lbs.)	17.13
Shipping Dimensions (hwd / cm)	194.49 x 17.50 x 15.01
Shipping Dimensions (hwd / in.)	76.57 x 6.89 x 5.91
PHYSICAL	
Power Measurement Accuracy (Watts)	+/-1%
Voltage Measurement Accuracy (Volts)	+/-1%
Current Measurement Accuracy (Amps)	+/-1%
Front Panel LEDs	One LED for each output receptacle offers power availability information: GREEN (Power ON, load bank capacity <80%), YELLOW (Power ON, load bank capacity >80%), RED (Power OFF/undervoltage), RED FLASHING (Power OFF/breaker trip), LED OFF (Power OFF)
Front Panel LCD Display	Touchscreen LCD reports NETWORK DATA (IP address, Subnet Mask, Gateway, MAC Address, Device Name, Model, Serial Number), INPUT PHASE DATA (Amperage, Wattage, Voltage per phase, plus Unbalance percentage), LOAD BANK DATA (Amperage, Wattage, Voltage per load bank, plus total PDU output in watts), OUTLET DATA (Amperage, Wattage per outlet), CONFIGURATION DATA (Listing of current configuration settings) ENVIRONMENTAL DATA (Reports data and status of E2 sensor modules; Sensor options are available for temperature and humidity, plus input and output dry contacts), MOBILE ACCESS (Generates a unique QR code to view reported PDU details on a mobile device)



Product Warranty Period (Worldwide)

2-year limited warranty

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