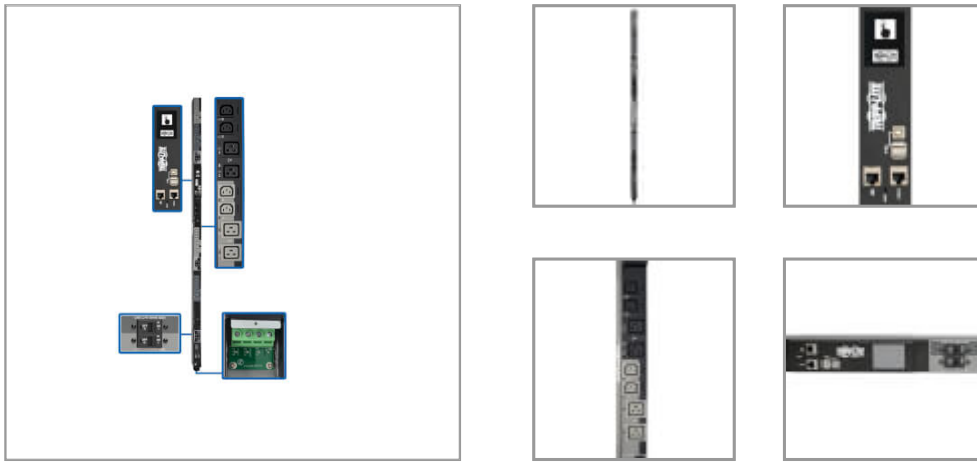Hardwire Input Models: #6AWG (13.3mm^2) copper wiring with ferrules is recommended for AC input terminal connections. Each input terminal connection should be torqued to 12.2 inch-pounds.

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 built-in WEBCARDLX with the latest version of PowerAlert Device Manager firmware (PADM20) provides enhanced remote management capabilities, including customizable dashboard graphs to fit user preferences. The PADM20 upgrade and Tripp Lite's PowerAlert Element Manager (PAEM) software form a powerful tool for expanding maintenance functions in large installations, including firmware update checks and backup and restoration of device configurations. PADM20's Auto Probe feature allows a PDU with switched loads to automatically reboot devices if a network communication failure is detected. This preserves uptime and minimizes the time and expense associated with on-site support.

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, 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,

Highlights

- 12 C13 and 12 C19 220/230/240V outlets distribute clean power to connected equipment
- Pre-installed WEBCARDLX with latest version of PADM20 for IP-based Auto Probe feature
- 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

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.

- Spare mounting buttons
- PDUMVROTATEBRKT

  mounting bracket accessory
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332206886
PDU Type	Switched

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

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

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)
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)
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). Network Activity (Green): Flashes for network activity. Link/Network Speed (Yellow): On steady for any speed.

Switches	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	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)	15.01 x 17.50 x 194.49
Shipping Dimensions (hwd / in.)	5.91 x 6.89 x 76.57
Shipping Weight (kg)	7.77
Shipping Weight (lbs.)	17.13
Unit Dimensions (hwd / cm)	177,8 x 5,51 x 6,4
Unit Dimensions (hwd / in.)	70 x 2.17 x 2.52
Unit Weight (kg)	5.90
Unit Weight (lbs.)	13.01

ENVIRONMENTAL

Operating Temperature Range	32 to 122F (0 to 50C)
Storage Temperature Range	-30°C to +60°C (-22°F to +140°F)
Relative Humidity	5 to 95% non-condensing

COMMUNICATIONS

PowerAlert Software	LX Platform Interface: PowerAlert Device Manager15 (PADM15)
Communications Cable	USB B-to-USB A Configuration/Console Access cable
Network Monitoring Port	RJ45 Network port, RJ45 Config/Console Access port; 2x USB A ports supports a variety of Envirosense2 environmental and control modules. See Accessories>Management Hardware section for more information about these modules. USB B port (Configuration & Console Access)
SNMP Compatibility	SNMP V1, V2c, V3
Network Speed	10/100 Mbps; 1Gbps
Communications Interface	Pre-installed network card; RS-232; USB

SPECIAL FEATURES

High Availability PDU Features	Auto Probe Monitoring and Reboot (included)

STANDARDS & COMPLIANCE	
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)

WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty