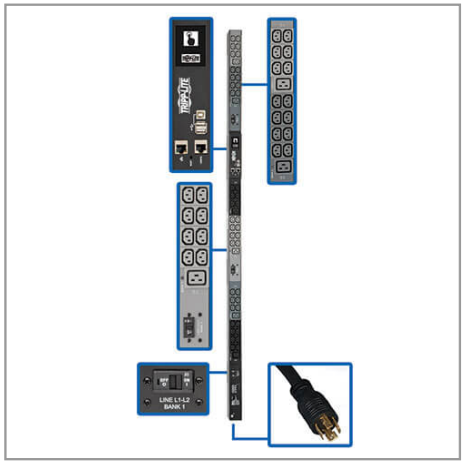
10kW 200-240V 3PH Monitored PDU - LX Interface, Gigabit, 48 Outlets, NEMA L21-30P, LCD, 3 m Cord, 0U 1.8 m Height, TAA

MODEL NUMBER: **PDU3EVN10L2130B**



10kW 3-phase PDU with multifunction touchscreen LCD distributes AC power in an IT environment and remotely monitors load levels to prevent potentially costly overloads.

Highlights

- 10kW 200-240V 3-phase Gigabit Ethernet-capable 0U monitored PDU
- 3 m power cord with NEMA L21-30P input cord
- Touchscreen LCD with mobile access option via QR code
- 42 C13 and 6 C19 receptacles with plug-lock inserts
- Pre-installed WEBCARDLX with latest version of PADM20 for enhanced remote management

Package Includes

- PDU3EVN10L2130B 10kW 3-Phase Monitored PDU
- Built-in LX Platform interface
- Configuration cable
- (48) Plug-lock insert sleeves
- Rack-mounting hardware
- PDUMVROTATEBRKT mounting bracket accessory
- Owner's manual

Description

The PDU3EVN10L2130B 10kW 3-Phase Monitored PDU provides real-time remote monitoring of voltage, frequency and load levels via built-in network connection. By reducing the frequency of on-site visits, these advanced remote capabilities can save you money and reduce downtime.
A color touchscreen LCD lets you toggle between menus to monitor input current level per phase and output current per load bank with ±1% billing-grade accuracy, environmental sensor data and network information. It also generates a unique QR code to allow access to the PDU through a mobile device.
Recommended for your IT or industrial application, the monitored PDU features 42 C13 and 6 C19 receptacles with included plug-lock insert sleeves to prevent cables from becoming accidentally disconnected. A 10-ft. (3.05 m) cord with NEMA L21-30P input plug connects the 3-phase 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.

Features

Distributes and Monitors Network-Grade AC Power10kW 200-240V monitored PDU with 3-phase inputNEMA L21-30P plug with 10-ft. (3.05 m) cord connects to compatible AC power sourceFirmware upgrades support future product enhancements

Easy 0U Installation in EIA-Standard 19 in. Racks Mounts vertically using included toolless buttons or rack-mounting bracketsIncluded PDUMVROTATEBRKT allows mounting with rear-facing outlets

Pre-Installed GbE-Capable Network Interface Offers 24/7 Remote Access for Monitoring and Control 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 configurations

48 Receptacles Distribute AC Power42 C13 and 6 C19 outlets split into 3 separately breakered load banksPlug-lock insert sleeves prevent cables from becoming accidentally disconnected

Color Touchscreen LCD Reports network data, including IP address, input current level per phase and output current per load bank with ±1% billing-grade accuracyFull access available by logging into PowerAlert Device Manager via browser as user with read/write credentialsGenerates unique QR code for read-only access to PowerAlert® Device Manager via mobile device

Broad Communications Compatibility Supports automatic and manual assignment of IP addressSupports IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP

TAA-Compliant for GSA Schedule Purchases Complies with the Federal Trade Agreements Act (TAA)Eligible for GSA (General Services Administration) Schedule and other federal procurement contracts

Specifications

OVERVIEW	
UPC Code	037332209429
PDU Type	Monitored
INPUT	
Input Phase	3-Phase
PDU Input Voltage	200; 208; 220; 230; 240
Recommended Electrical Service	Three-phase 30A 200-240V service
Maximum Input Amps	24
Maximum Input Amps Details	Agency de-rated to 24A continuous
PDU Plug Type	NEMA L21-30P
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
OUTPUT	
Output Capacity Details	10kW (240V), 9.6kW (230V), 9.1kW (220V), 8.6kW (208V), 8.3kW (200V) total capacity; 13.9A max per breakered outlet bank; 12A max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(42) C13; (6) C19
Output Nominal Voltage	200-240V
Overload Protection	Three 20A circuit breakers, one per output load bank
USER INTERFACE, ALERTS & CONTROLS	
Reported Load Segments	Reports input current per phase (L1, L2, L3) and output current for each breakered load bank (13.9A balanced max per banks B1-B3); Outlets are color-coded and labeled for phase and load bank identification; L1-L2 feeds black outlets (B1); L2-L3 feeds dark-gray outlets (B2); L3-L1 feeds light-gray outlets (B3)

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), 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)
Current Measurement Accuracy (Amps)	+/-1%
Voltage Measurement Accuracy (Volts)	+/-1%
Power Measurement Accuracy (Watts)	+/-1%
SURGE / NOISE SUPPRESSION	
Automatic Shut-Off	No
PHYSICAL	
Material of Construction	Metal
Form Factors Supported	Vertical rackmount installation supported with included mounting brackets; supports toolless mounting in button-mount compatible racks
PDU Form Factor	Vertical (0U)
Shipping Dimensions (hwd / in.)	6.89 x 9.65 x 75.87
Shipping Dimensions (hwd / cm)	17.50 x 24.51 x 192.71
Shipping Weight (lbs.)	22.76
Shipping Weight (kg)	10.32
Unit Dimensions (hwd / in.)	70.000 x 2.170 x 2.490
Unit Dimensions (hwd / cm)	177.8 x 5.5 x 7.3
Unit Weight (lbs.)	15.69
Unit Weight (kg)	7.12
ENVIRONMENTAL	
Operating Temperature Range	32° to 122°F (0° to 50°C)
Storage Temperature Range	-22° to 140°F (-30° to 60°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	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	Pre-installed LX platform network interface
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)

FEATURES & SPECIFICATIONS	
High Availability PDU Features	Remote Network Notifications
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 60950-1 (Canada); 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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