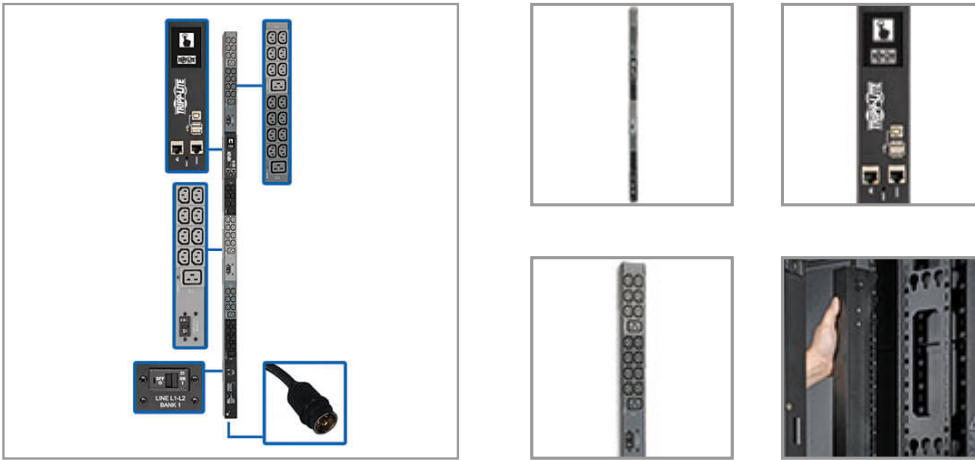# 14.5kW 3-Phase Monitored PDU, LX Interface, 208/240V Outlets (42 C13/6 C19), LCD, Hubbell CS8365C, 3m/10 ft. Cord, 0U 1.8m/70 in. Height, TAA

MODEL NUMBER: **PDU3EVN10H50B**

14.5kW 3-phase PDU with multifunction touchscreen LCD distributes and monitors AC power in an IT environment. Built-in Java-free network interface remotely monitors load levels to prevent overloads that cause downtime.

Description

The PDU3EVN10H50B 14.5kW 3-Phase Monitored PDU provides real-time remote monitoring of voltage, frequency and load levels via built-in network connection. These advanced remote capabilities can save you money and reduce downtime.

Recommended for your IT or industrial application, the monitored PDU features 48 outlets—42 C13, 6 C19—with included plug-lock insert sleeves to prevent cables from becoming accidentally disconnected. A 10-foot cord with Hubbell CS8365C 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. Protocols supported include IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP.

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.

Highlights

- 14.5kW 208/240V 3-phase 0U monitored PDU
- 48 outlets—42 C13, 6 C19—with plug-lock inserts
- Built-in LX Platform interface for remote access 24/7
- Hubbell CS8365C input with 10 ft. AC power cord
- Touchscreen LCD with mobile access option via QR code

Package Includes

- PDU3EVN10H50B 14.5kW 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

Features

Distributes and Monitors Network-Grade AC Power14.5kW 208/240V monitored PDU with 3-phase inputHubbell CS8365C plug with 10 ft. cord connects to compatible AC power sourceFirmware upgrades support future product enhancements

48 Outlets Distribute AC Power42 C13 and 6 C19 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 accuracyGenerates unique QR code for read-only access to PowerAlert® Device Manager via mobile deviceFull access available by logging into PowerAlert Device Manager via browser as user with read/write credentials

Built-In HTML5-Based LX Platform Interface Allows full remote access for power monitoring with email notifications via secure web browser, SNMP, telnet or SSHSupports 10/100 Mbps auto-sensing for communication with an Ethernet networkOptional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilitiesNo Java required

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

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

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

Specifications

OVERVIEW	
UPC Code	037332209375
PDU Type	Monitored

OUTPUT	
Frequency Compatibility	50 / 60 Hz
Output Capacity Details	14.5kW (240V), 12.6kW (208V) total capacity; 20A max per breakered outlet bank; 16A max per C19 outlet; 12A max per C13 outlet
Output Receptacles	(42) C13; (6) C19
Output Nominal Voltage	208; 240
Overload Protection	3 20A circuit breakers, 1 per outlet bank

INPUT	
PDU Input Voltage	208; 240
Recommended Electrical Service	50A 208/240V with Hubbell CS8365C outlet
Maximum Input Amps	35
PDU Plug Type	HUBBELL CS8365C 50A
Input Phase	3-Phase
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05

USER INTERFACE, ALERTS & CONTROLS

Reported Load Segments	Reports input current per phase (L1, L2, L3) and output current for each breakered load bank (20A 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%

PHYSICAL

Shipping Dimensions (hwd / in.)	6.20 x 9.80 x 75.50
Shipping Dimensions (hwd / cm)	15.75 x 24.89 x 191.77
Shipping Weight (lbs.)	23.92
Shipping Weight (kg)	10.85
Unit Dimensions (hwd / in.)	70 x 2.17 x 2.86
Unit Dimensions (hwd / cm)	177.8 x 5.5 x 7.3
Unit Weight (lbs.)	17.15
Unit Weight (kg)	7.78
Material of Construction	Metal
Form Factors Supported	Vertical rackmount installation supported with included mounting brackets; supports tooless mounting in button-mount compatible racks
PDU Form Factor	Vertical (0U)

ENVIRONMENTAL

Operating Temperature Range	32 to 122F (0C to 50C)
Storage Temperature Range	5 to 140F (-15C to 60C)
Relative Humidity	5 to 95% non-condensing
Operating Elevation (ft.)	0-10,000
Operating Elevation (m)	0-3000 m

COMMUNICATIONS

SNMP Compatibility	Pre-installed LX platform network interface

CERTIFICATIONS

Certifications	Tested to UL60950-1 (USA) CAN/CSA 60950-1 (Canada), NOM (Mexico), FCC Class A Part 15 (Emissions), ROHS, TAA Compliant

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