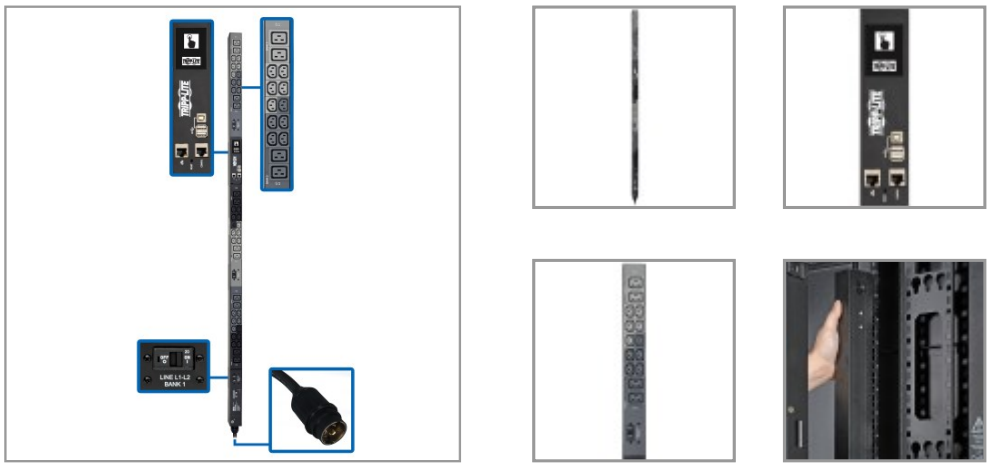
14.5kW 200-240V 3PH Monitored PDU - LX Interface, Gigabit, 42 Outlets, Hubbell CS8365C Input, LCD, 1.8 m Cord, 0U 1.8 m Height, TAA

MODEL NUMBER: **PDU3EVN6H50BA**



3-phase monitored PDU with touchscreen LCD distributes and monitors power in a data center, server room or high-density network closet.

Features

14.5kW 3-Phase PDU Distributes and Monitors Network-Grade Power This monitored PDU provides real-time remote monitoring of voltage and load levels via its built-in network interface. Ideal for data centers, server rooms and high-density network closets, the PDU3EVN6H50BA features 30 C13 and 12 C19 200-240V outlets in three breakered load banks, which distribute AC power to rack equipment. The banks can be individually monitored to ensure proper load balance and prevent downtime. Plug-lock insert sleeves are included to prevent connected cables from becoming accidentally dislodged.

Built-In GbE-Capable Network Management Card Allows Remote Access 24/7 The built-in GbE-capable 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 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.

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 with ±1% billing-grade accuracy. It also generates a unique QR code to allow read-only access to the 0U PDU via mobile device. If an EnviroSense2 module is connected to the 3-phase PDU, the LCD also displays status and environmental data, such as temperature and humidity.

Easy to Install Vertically in an EIA-Standard 19 in. Rack The 70-inch 0U PDU mounts vertically using the included toolless mounting buttons or the included rack-mounting 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. A 6-ft. (1.83 m) cord with Hubbell CS8365C 200-240V 3-phase input connects the PDU to a compatible AC power source, generator or protected UPS.

TAA-Compliant for GSA Schedule Purchases The PDU3EVN6H50BA is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Highlights

- 30 C13 and 12 C19 200-240V outlets distribute AC power to connected equipment
- Pre-installed GbE-capable WEBCARDLX with latest version of PADM20 for enhanced remote management
- Installs in 0U of rack space in standard 19 in. racks using included mounting hardware
- 1.8 m power cord with Hubbell CS8365C 3-phase input connects to AC power source
- Color touchscreen LCD provides current levels, environmental data and network info

Applications

- Power mission-critical rack equipment in a data center, computer room or high-density network closet in a government, commercial or industrial facility
- Monitor power loads from various computers, switches, servers and other networking equipment

Package Includes

- PDU3EVN6H50BA 14.5kW 3-Phase Monitored PDU
- Built-in LX Platform interface
- Configuration cable
- (42) Plug-lock insert sleeves
- Rack-mounting hardware
- Spare mounting buttons
- PDUMVROTATEBRKT mounting bracket accessory
- Owner’s manual

Specifications

OVERVIEW	
UPC Code	037332213556
PDU Type	Monitored
INPUT	
Input Phase	3-Phase
PDU Input Voltage	200; 208; 220; 230; 240
Recommended Electrical Service	Three-phase 50A 200-240V service
Maximum Input Amps	35
Maximum Input Amps Details	Agency de-rated to 35A continuous
PDU Plug Type	HUBBELL CS8365C 50A
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
OUTPUT	
Output Capacity Details	14.5kW (240V), 13.9kW (230V), 13.3kW (220V), 12.6kW (208V), 12.1kW (200V) total capacity; 20A max per breakered outlet bank; 16A max per C19 outlet; 12A max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(30) C13; (12) C19
Output Nominal Voltage	200-240V
Overload Protection	Three 20A circuit breakers, 1 per outlet bank
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%
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 Weight (kg)	11.43
Unit Dimension Details	Chassis dimensions shown; See submittal drawing for more detail
Unit Dimensions (hwd / in.)	70.000 x 2.170 x 2.120
Unit Dimensions (hwd / cm)	177.8 x 5.5 x 6.4
Unit Weight (lbs.)	12.85
Unit Weight (kg)	5.83
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	0-10,000
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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