

14.5kW 3-Phase Monitored PDU - LX Platform, 30 C13 & 12 C19 Outlets (208/240V), Hubbell CS8365C, 0U, 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 208/240V 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 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 10/100/1000 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 monitored 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 with $\pm 1\%$ 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 six-foot cord with Hubbell CS8365C 208/240V 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 208/240V outlets distribute AC power to connected equipment
- Built-in Java-free HTML5-based LX Platform interface allows you 24/7 remote access
- Installs in 0U of rack space in standard 19 in. racks using included mounting hardware
- 6 ft. 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
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	(30) C13; (12) 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.)	6
Input Cord Length (m)	1.83
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	



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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 / in.)	6.89 x 9.65 x 75.87
Shipping Weight (kg)	9.05
Unit Dimensions (hwd / cm)	177.8 x 5.5 x 6.4
Unit Dimensions (hwd / in.)	70 x 2.17 x 2.52
Unit Weight (kg)	5.83
Unit Weight (lbs.)	12.85
ENVIRONMENTAL	
Operating Temperature Range	32 to 122F (0C to 50C)
Storage Temperature Range	-30°C to +60°C (-22°F to +140°F)
Relative Humidity	5 to 95% non-condensing
Operating Elevation (ft.)	0-10,000
Operating Elevation (m)	0-3000
COMMUNICATIONS	
SNMP Compatibility	Pre-installed LX platform network interface
CERTIFICATIONS	
Certifications	Tested to UL60950-1: 2007 R10.14 (USA) CAN/CSA-C22.2 NO. 60950-1-07+A1: 2011+A2: 2014 (Canada), NOM (Mexico), FCC Class A Part 15 (Emissions), ROHS, TAA Compliant
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

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