

14.5kW 3-Phase Switched PDU, 200/208/240V Outlets (24-C13, 6-C19), Hubbell 50A CS8365C, 6ft Cord, 0U Vertical, TAA

MODEL NUMBER: PDU3VS6H50



Description

Tripp Lite 3 phase Switched PDU / Power Distribution Unit offers advanced network control and monitoring with the ability to turn on, turn off, recycle or lock-out power to each individual receptacle, monitor site electrical conditions and remotely monitor output power consumption on a per-phase basis. PowerAlert interface supports remote control and custom notification of user-specified conditions via email, secure web, SNMP, Telnet or SSH interface. Individually switched outlets can be controlled in real-time to remotely reboot unresponsive network hardware, or be custom programmed for user-defined power-up and power-down sequences to ensure proper startup of interdependent IT systems and prevent inrush-related overloads as network equipment is first energized. Unused PDU outlets can be electronically locked off to prevent the connection of unauthorized hardware. Built-in local digital display and remote web/network interface reports detailed voltage, amperage and kilowatt output values per breaker bank / phase with additional reporting options for power unbalance percentage, IP address and sensor based temperature and humidity data (requires ENVIROSENSE sensor).

Features

- 14.5kW 3 phase 200/208/240V Switched Power Distribution Unit / PDU with built-in web/network interface and multi-function digital display
- Attached Hubbell CS8365C 50A (3P+E) 200/208/240V 3 phase input; 6 ft. / 1.8m cord
- 0U, 70 inch / 178cm vertical form factor
- 30 switched 200/208/240V outlets (24 C13, 6 C19) arranged in 3 separately breakered single phase load banks
- Supports power-on, power-off or reboot of each outlet on a real-time or programmable basis
- Enables reboot of locked equipment, custom power-on/power-off sequences, load-shedding of optional loads and disabling unused outlets

Highlights

- Switched 14.5kW 3 Phase 200/208/240V PDU; 70 in. / 178cm 0U vertical rackmount
- Reports voltage & load per-phase via ethernet interface
- 1% billing-grade accuracy, Multi-function digital display, Environmental monitoring options
- 70in / 1778mm 0U vertical format; Toolless button-mount installation
- 24 C13 & 6 C19 200/208/240V single phase switched outlets; Plug-lock cable retention sleeves
- Hubbell CS8365C 50A (3P+E) 3 phase input; 6 ft. / 1.8m line cord
- TAA Compliant

Package Includes

- Switched vertical rackmount PDU with pre-installed mounting buttons
- Plug lock cord retention sleeves
- Spare installation buttons (2 9mm / 4 6mm), Mounting brackets
- Configuration cable
- Owner's manual



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- Network interface provides PDU control and data regarding input voltage and per-phase load levels with +/-1% billing-grade accuracy
- Built-in digital display and remote web/network interface reports detailed voltage, amperage and kilowatt output values per breaker / phase with additional reporting options for power unbalance percentage, IP address and sensor based temperature and humidity data (requires ENVIROSENSE sensor)
- Supports user-specified alarm notification thresholds
- In-rack environmental reporting with optional ENVIROSENSE temperature / humidity sensor and rack access notification with up to 4 optional SRSWITCH or user-supplied contact closure sensors
- DHCP/Manual configuration support
- 10/100 Mbps auto-sensing
- Real-time clock backup maintains the time of day and date even if the PDU is unpowered
- Tiered access privileges allow an administrator and a guest to login via web browser
- Alert notifications via email or SNMP traps offer immediate event notification
- Firmware upgrade ability supports future product enhancements
- Supports HTTP, HTTPS, PowerAlert Network Management System, SMTP, SNMPv1, SNMPv2, SNMPv3, Telnet, SSH, FTP, DHCP, BOOTP, NTP protocols
- Fully compatible with FREE PowerAlert Network Management System / NMS Software
- Included set of Plug-lock inserts keep C14 and C20 power cords solidly connected to PDU outlets
- Toolless mounting supported in button-mount compatible racks, plus nut-and-bolt mounting brackets for other mounting applications (set of 2 9mm buttons pre-installed, 2 9mm and 4 6mm spare buttons included)
- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases

Specifications

| OVERVIEW | |
|--------------------------------|--|
| UPC Code | 037332179210 |
| PDU Type | Switched |
| INPUT | |
| 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 |
| OUTPUT | |



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| 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 | (24) C13; (6) C19 |
| Output Nominal Voltage | 200; 208; 240 |
| Overload Protection | 3 20A circuit breakers, 1 per outlet bank |
| Customized Load Management Receptacles | Each outlet is individually controllable via remote interface |
| 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 output load 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 | Large digital display reports Amperage, Kilowatts, Voltage, Unbalance percentage, Temperature* and Humidity* information (*requires ENVIROSENSE option); Small digital display provides detail on the measurement the large display is reporting: Input-phase (L#), Load bank (B#), Sensor (S#), Load unbalance (UB), Output power (OP) |
| Front Panel LEDs | Set of 6 LEDs identify the value displayed on the large digital display: Amperage (A), Kilowatts (kW), Voltage (V), Unbalance percentage (%UB), Temperature (T), Humidity (%RH); One additional 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) |
| Switches | Set of UP/DOWN arrow buttons scroll through available Input, Bank, Power, Load balance and Sensor options; Additional MODE button advances the LEDs to view the next measurement |
| 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) | 17.50 x 24.51 x 192.71 |
| Shipping Dimensions (hwd / in.) | 6.89 x 9.65 x 75.87 |
| Shipping Weight (kg) | 11.52 |
| Shipping Weight (lbs.) | 25.39 |
| Unit Dimensions (hwd / cm) | 177.8 x 5.5 x 6.3 |
| Unit Dimensions (hwd / in.) | 70 x 2.17 x 2.49 |
| Unit Weight (kg) | 8.30 |
| Unit Weight (lbs.) | 18.3 |
| ENVIRONMENTAL | |
| Operating Temperature Range | 32 to 122F (0 to 50C) |
| Storage Temperature Range | 5 to 140F (-15 to 60) |
| Relative Humidity | 5 to 95% non-condensing |
| Operating Elevation (ft.) | 0-10,000 |



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|-------------------------------------|--|
| Operating Elevation (m) | 0 - 3000 m |
| COMMUNICATIONS | |
| SNMP Compatibility | Yes, pre-installed SNMPWEBCARD provides remote monitoring via web, telnet, SSH and SNMP management systems |
| STANDARDS & COMPLIANCE | |
| Certifications | Tested to UL/CAN 60950-1 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant, TAA Compliant |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

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