

28.8kW 3-Phase Switched PDU, 240/230/220V Outlets (24 C13 & 6 C19), Hardwire 415/400/380V Input, 0U Vertical, TAA

MODEL NUMBER: PDU3XVSRHWB



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 per-phase or per-receptacle. 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. PDU output current consumption in amps per-phase or per-receptacle can be displayed locally via visual meter or remotely via web/network interface to warn of potential overloads before critical IT mains or branch breakers trip. Highly accurate current metering offers +/-1% billing-grade current monitoring and recording ability for each output phase, breakered load bank and individual outlet.

Features

- 28.8kW Switched 415/400/380V input 240/230/220V output PDU with built-in web/network interface
- Hardwire (3P+N+E) 415/400/380V 3 phase input
- 0U, 70 inch / 178cm vertical form factor
- 30 switched 240/230/200V outlets (24 C13, 6 C19) in 6 separately breakered 20A 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
- Network interface provides PDU control and data regarding input voltage and load levels per-outlet, per-breaker and per-phase
- Built-in local digital display and remote web/network interface reports detailed voltage, amperage and kilowatt output values per outlet, per breaker and per phase with additional reporting options for power

Highlights

- Switched 28.8kW 3-Phase 415/400/380V input 240/230/220V output PDU
- Reports voltage and load per-outlet or per phase via ethernet interface
- 1% billing-grade accuracy; Digital display reports detailed status information
- 70in / 1778mm 0U vertical format; Toolless button-mount installation
- 24 C13 and 6 C19 single phase outlets; Plug-lock cable retention inserts
- Hardwire 3 phase input
- TAA Compliant

Package Includes

- Switched, vertical rackmount PDU with pre-installed mounting buttons
- 24 C13/C14 and 6 C19/C20 Plug-lock cable retention inserts
- Spare installation buttons (2 9mm / 4 6mm), Mounting brackets
- Configuration cable
- Owner's manual



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unbalance percentage, IP address and sensor based temperature and humidity data (requires ENVIROSENSE sensor)

- In-rack environmental reporting with optional ENVIROSENSE temperature / humidity sensor and rack access notification with up to 4 optional SRSWITCH door sensors
- Local display supports electronic 180 degree display rotation for overhead or under-floor input cable orientation
- Supports user-specified alarm notification thresholds
- 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)

Specifications

OVERVIEW	
UPC Code	037332170149
PDU Type	Switched
INPUT	
Input Phase	3-Phase
Recommended Electrical Service	External circuit breaker - 3 pole, 415V rated, 50A; Wiring - 5C, #8AWG (10mm ²), 75C rated minimum; Conduit - 3/4 in. (19mm) minimum, flexible
Maximum Input Amps	40
Maximum Input Amps Details	Agency de-rated to 40A continuous
PDU Plug Type	Hardwire
OUTPUT	
Output Capacity Details	28.8kW (415/240V), 27.7kW (400/230V), 26.3kW (380/220V) total capacity; 40A max per output phase (L1, L2, L3); 20A max per breakered outlet bank; 16A max per C19 outlet; 12A max (10A CE) per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(24) C13; (6) C19
Output Nominal Voltage	220 (380V input); 230 (400V input); 240 (415V input)
Overload Protection	6 20A circuit breakers, 1 per outlet bank
USER INTERFACE, ALERTS & CONTROLS	



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Reported Load Segments	Reports input current per phase (L1, L2, L3), plus output current for each output load bank (B1-B6) and individual output receptacle (1-30); Outlets are color-coded and labeled for phase and load bank identification; L1-N feeds black outlets (B1, B4); L2-N feeds dark-gray outlets (B2, B5); L3-N feeds light-gray outlets (B3, B6)
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#), Outlet (##), 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
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.)	5.50 x 6.90 x 76.00
Shipping Dimensions (hwd / cm)	13.97 x 17.53 x 193.04
Shipping Weight (lbs.)	18.20
Shipping Weight (kg)	8.26
Unit Dimensions (hwd / in.)	70.000 x 2.170 x 2.520
Unit Dimensions (hwd / cm)	177,8 x 5,51 x 6,4
Unit Weight (lbs.)	13.00
Unit Weight (kg)	5.90
ENVIRONMENTAL	
Operating Temperature Range	32 to 122F (0-50C)
Storage Temperature Range	-30°C to +60°C (-22°F to +140°F)
Relative Humidity	5-95% non condensing
Operating Elevation	0-10,000
COMMUNICATIONS	
PowerAlert Software	SNMPWEBCARD Interface: PowerAlert 12

Communications Cable	RJ45-to-DB9 configuration/console Access cable
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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