11kW 3-Phase Switched PDU, 220/230V (21 C13 & 3 C19), IEC-309 16A Red, 380/400V Input, 3ft Cord, 0U Vertical

MODEL NUMBER: **PDU3XVSR3G16**







Highlights

- Switched 11kW 3 Phase 380/400V input, 220/230V output PDU; 178cm 0U vertical rackmount
- Reports voltage, frequency and load per-outlet or phase via ethernet interface
- 1% billing-grade accuracy, Multi-function digital display, Environmental monitoring options
- IEC-309 Red 16A (3P+N+E) 380/400V 3 phase input; .9m line cord
- 21 C13 and 3 C19 single phase switched 220/230V outlets with cord retention brackets
- Temperature, humidity and contact closure monitoring options

Package Includes

- Switched rackmount PDU with pre-installed mounting buttons
- Cord retention brackets
- Spare installation buttons (2 9mm / 4 6mm)
- Rack mounting brackets
- Owner's manual

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.

Features

- 11kW 3 phase 380/400V input, 220/230V output Switched Power Distribution Unit / PDU with built-in web/network interface
- Attached IEC-309 Red 16A (3P+N+E) 380/400V 3 phase input; 0.9m line cord
- 0U / 178cm vertical form factor supports installation in 2 or 4 post equipment racks
- 24 switched 220/230V outlets (21 C13, 3 C19) in 3 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 per-phase load levels with +/-1% billing-grade accuracy
- Digital display with scroll-buttons supports per-outlet or per-phase load levels, IP-address self-identification and 180 degree display rotation
- 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 door 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 no powered on
- 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 cord retention brackets
- 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	037332158383
PDU Type	Switched
INPUT	
Input Phase	3-Phase
Recommended Electrical Service	16A 400/230V with IEC309 16A Red (3P+N+E) outlet
Maximum Input Amps	16
PDU Plug Type	IEC-60309 16/20A RED (3P+N+E)
Input Cord Length (ft.)	3
Input Cord Length (m)	0.91
OUTPUT	
Output Capacity Details	11.5kW (415/240V), 11.1kW (400/230V), 10.5kW (380/220V) total capacity; 16A max per output phase (L1-L2, L2-L3, L3-L1); 16A max per C19 outlet; 10A max per C13 outlet
Frequency Compatibility	50 Hz; 60 Hz
Output Receptacles	(21) C13; (3) C19
Output Nominal Voltage	220 (380V input); 230 (400V input)
Customized Load Management Receptacles	Each outlet is individually controllable via remote interface
USER INTERFACE, ALERTS & CONTROLS	
Reported Load Segments	Supports local monitoring of current for each output phase (L1, L2 and L3) and for each output receptacle; BANK "L1" is powered by L1-N (outlets 1-8); BANK "L2" is powered by L2-N (outlets 9-16); BANK "L3" is powered by L3-N (outlets 17-24)

Front Panel LCD Display	Digital display reports output load level in amps separately for each output phase and each individual output receptacle; Can also be used to scroll the configured IP address
Front Panel LEDs	Set of 3 LEDs (L1, L2, L3) indicate the output load segment the digital current display is reporting; LEDs for L1, L2, L3 will also flash to indicate that the display is reporting current level for one of the outlets in that load bank; One additional LED per output receptacle indicates power ON/OFF status for that outlet
Switches	SELECT switch advances the digital display and LED to report power consumption for load segments L1, L2, L3 and for each individual output receptacle (short press); SELECT switch also rotates the local display 90 degrees for overhead power input (long press); SCROLL IP button scrolls the configured IP address (long press)
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.)	7.00 x 9.50 x 75.50
Shipping Dimensions (hwd / cm)	17.78 x 24.13 x 191.77
Shipping Weight (lbs.)	17.90
Shipping Weight (kg)	8.12
Unit Dimensions (hwd / in.)	70.000 x 2.200 x 3.580
Unit Dimensions (hwd / cm)	177.8 x 5.6 x 8.3
Unit Weight (lbs.)	12.4
Unit Weight (kg)	5.62
ENVIRONMENTAL	
Storage Temperature Range	-30°C to +50°C (-22°F to +122°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
SNMP Compatibility	Yes, pre-installed SNMPWEBCARD provides remote monitoring via web, telnet, SSH and SNMP management systems
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet)

STANDARDS & COMPLIANCE	
TAA Compliant Option	TAA Compliant Version Available - Order Tripp Lite PDU3XEVSR6G20
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

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