Model #: PDU3XVSR10G16

3-Phase Switched PDU, 11 kW, 24 230V outlets (21-C13, 3-C19) 3m Cord, IEC-309 Red 16A Input, 0U vertical mount

Highlights

- Switched 11kW 3 Phase 400V in / 230V out PDU; 178cm 0U vertical rackmount
- Reports voltage, frequency & load per-outlet or phase via ethernet interface
- Visual current meter; Toolless button-mount installation
- IEC-309 Red 16A (3P+N+E) 400V 3 phase input; 3m line cord
- 21 C13 & 3 C19 single phase switched 230V outlets with cord retention brackets
- Temperature, humidity and contact closure monitoring options

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 start-up 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.

Applications

- Ideal for 3 phase network configurations in datacenters and heavily configured equipment racks

Package Includes

- Switched rackmount PDU with pre-installed mounting buttons
- Cord retention brackets
- Spare installation buttons (29 mm / 46 mm)
- Rack mounting brackets
- Owner's manual

Features

- 11kW 3 phase 400V input / 230V output Switched Power Distribution Unit / PDU with built-in web/network interface
- Attached IEC-309 Red 16A (3P+N+E) 400V 3 phase input; 3m line cord
- 0U / 178cm vertical form factor supports installation in 2 or 4 post equipment racks
- 24 switched 230V outlets (21 C13, 3 C19) in 3 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
- Network interface provides PDU control and data regarding input voltage, per-outlet and per-phase load levels
- 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 not 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, 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	
PDU Type	Switched
OUTPUT	
Output Capacity Details	11kVA total; 16A per bank (balanced)
Frequency compatibility	50 Hz; 60 Hz
Output nominal voltage	230V single phase
Outlet quantity / type	24 total - 21 C13 (7 per phase), 3 C19 (1 per phase)
Outlet Type	IEC-C13, IEC-C19
Customized load management receptacles	Each outlet is individually controllable via remote interface
INPUT	
Nominal Input Voltage(s) Supported	400V AC
PDU Input Voltage	400
Maximum Input Amps (A)	16
PDU Plug Type	IEC-309 16A RED (3P+N+E)
Input cord length (ft.)	10
Input cord length (m)	3.05
Voltage compatibility (VAC)	400 3-Phase Input: 230 1-Phase Output
Phase	3-Phase
LEDS ALARMS & SWITCHES	
Switches	Pushbutton scroll switch enables local power consumption display of each phase or outlet separately, display rotate and display IP address functions
Front panel LEDs	2 digit current meter display reports output amps per phase and IP address self identification
PHYSICAL	
Shipping Dimensions (HWD/in)	75.4 x 6.6 x 9.3
Shipping Dimensions (HWD/cm)	191.5 x 16.8 x 23.6
Shipping weight (lbs)	20.45

Shipping weight (kg)	9.3
Unit Dimensions (HWD/in)	70 x 2.19 x 3.26
Unit Dimensions (HWD/cm)	177.8 x 5.6 x 8.3
Unit weight (lbs)	13.2
Unit weight (kg)	6
Material of construction	Steel
Style	Vertical rackmount
Form factors supported	Vertical rackmount installation supported with included mounting brackets; supports toolless mounting in button-mount compatible racks
PDU Form Factor	Vertical (0U)
ENVIRONMENTAL	
Relative Humidity	0-95% non-condensing
COMMUNICATIONS	
SNMP compatibility	Yes, pre-installed SNMPWEBCARD provides remote monitoring via web, telnet, SSH and SNMP management systems
CERTIFICATIONS	
Certifications	Tested to CE (EN 60950-1), Class A (Emissions), RoHS (Hazardous Substances)
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

Related Items

Optional Products

Related Model	Description	Qty.
P002-002	2-ft. Power Cord (IEC-320-C14 to NEMA 5-15R)	1
P005-002	2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to IEC-320-C14)	1
P005-006	6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to IEC-320-C14)	1
P005-010	10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to IEC-320-C14)	1
P047-002	2-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C14)	1
P047-004	4-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C14)	1
P047-006	6-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C14)	1
P047-010	10-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C14)	1
P032-007	7-ft. 12AWG Heavy Duty Power cord (IEC-320- C13 to IEC-320-C20	1

P036-002	2-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C20)	1
P036-006	6-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C20)	1
ENVIROSENSE	Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)	1
SRSWITCH	Rack door sensor (4 max.); Requires ENVIROSENSE	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at

www.tripplite.com/en/products/model.cfm?txtModelID=4725.