Vertiv™ Geist™ rPDU

OVERVIEW

Switched Outlet Level Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering individual outlet level control and a comprehensive view of outlet level power usage via remote network access. Includes environmental monitoring capabilities to obtain real-time environmental metrics.

Benefits

- Remotely reboot outlets to power cycle unresponsive IT equipment or increase runtime of critical equipment upon power failure with outlet-level control.

- Reliable power distribution with local and remote outlet-level power monitoring options offer quick access to critical power usage information down to the device level to evaluate energy usage trends and maximize uptime.

- Environmental monitoring capabilities with the addition of optional environmental sensors ensure users have critical infrastructure data at their fingertips to prevent climate-related equipment failure and system downtime.

- Fault-Tolerant Daisy Chaining with RSTP simplifies intelligent rPDU connectivity and ensures data is reported even when a break in the network chain occurs.

Part #: 14240336

Model Number: CU30014L
Category: Switched
Sub Category: Outlet Level Monitoring EC
Power Configuration: 32A, 230/400V WYE, 22.0kW
Physical Configuration: 1683mm x 51mm x 66mm, Vertical

Product Summary: CU30014L – rPDU, Switched Outlet Level Monitoring EC, 32A, 230/400V WYE, 22.0kW, Vertical, (12) Locking IEC C13, (12) Locking IEC C19, 10ft / 3m power cord with 3P+N+E (IP44), Black Powder Coat.

Monitoring: Input and Outlet power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

Plug Form:

3P + N + E
(IP44)

Receptacle:

Locking IEC C13
(Quantity: 12)

Locking IEC C19
(Quantity: 12)

Chassis Color Options:

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Product Specification and Options

System Features

Monitoring	Input and Outlet power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.
Input Monitoring	Total Unit Monitoring (kWh, W, VA, PF) Phase (A, B, C) Monitoring (kWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements
Circuit Monitoring	Circuit / Breaker Monitoring (A) Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy
Outlet Monitoring	Outlet Monitoring (kWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements.
Remote Power Management	Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up
Quantity Of Inputs	1
Voltage	230/400V
Current	32A
VA per Input (Load Capacity)	22.0kW
Frequency	50/60Hz
Over Current Protection/Switch	(6) 16A Single Pole Magnetic Breakers
Scrolling / Rotatable Digital Display	Yes
Power Cable Wire Gauge	6mm^2
Power Cable Length	3m
Power Entry Location	Bottom Front
Plug Type	IEC60309 3P+N+E, 32A, 230/400V, Splash proof IP44
Combined Total Receptacle/Socket Quantity	24
Receptacle/Socket Type #1	U-Lock IEC C13
- Quantity	12
- Quantity per Phase	4
- Quantity per Breaker	2
- U-Lock color	6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue
- Maximum Output per Receptacle/Socket	10A
- Voltage per Receptacle/Socket	230V

Receptacle/Socket Type #2	U-Lock IEC C19
- Quantity	12
- Quantity per Phase	4
- Quantity per Breaker	2
- U-Lock color	6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue
- Maximum Output per Receptacle/Socket	16A
- Voltage per Receptacle/Socket	230V
Network Connection	Dual 10/100Mbps Ethernet
Protocols Supported	DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+
Data Access Formats	CSV datalog, JSON API, JSON datalog
USB Support	Yes
IP Reset Button	Yes
Hard Reboot Button	Yes
Serial Connection	RS232 via RJ45
Remote Sensor RJ Connection Jacks	1 (Supports up to 16 Sensors)
Maximum Operating Temperature	60℃ / 140°F
Heavy Steel - Powder Coat Finish	Black
Configuration	0U, Vertical
Toolless mounting HW – Center to Center	1560mm and 1645mm (Vertical mounting bracket included)
Product Warranty	5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
Certification/Agency Approvals	CE, EN55032 & EN55024, IEC62368-1, RoHS, China RoHS
Chassis Dimensions (HxWxD)	1683mm x 51mm x 66mm