Vertiv™ Geist™ rPDU

OVERVIEW

Upgradeable Unit Level EC Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering a comprehensive view of input level power usage via remote network access. Includes environmental monitoring capabilities to obtain real-time environmental metrics. Upgrade the hot-swappable monitoring device on select units to leverage new technologies and accommodate changing business needs.

Benefits

- Reliable power distribution with local and remote power monitoring options offer quick access to critical power usage information 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.
- Gather comprehensive power data at the palm of your hand with the use of the Vertiv VLC mobile app.
- 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 #: F0133224

Category: Monitored
Sub Category: Unit Level EC
Power Configuration: 16A, 230/400V, 11kW
Physical Configuration: 1683mm x 51mm x 58mm, Vertical

Product Summary: rPDU, Monitored Unit Level EC, 16A, 230/400V, 11kW, Vertical, (36) IEC C13, (6) IEC C19, 3m power cord with 3P+N+E (IP44), **Black** Powder Coat.

Monitoring: Input power monitoring with circuit/breaker level current monitoring.
Environmental monitoring via optional remote sensors.
Daisy chain Ethernet connectivity.
Local high visibility LED display.

Plug Form:

3P+N+E (IP44)

Receptacle:

IEC C13
(Quantity: 36)

IEC C19
(Quantity: 6)

Chassis Color Options:

Product Specification and Options

System Features

Monitoring	Input power monitoring with circuit/breaker level current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.
Monitoring Level 1	Aggregate - Total Unit Monitoring (kWh, W, VA, PF) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements
Monitoring Level 2	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
Monitoring Level 3	Circuit / Breaker Monitoring (A) Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy
VLC Support	Yes
Quantity Of Inputs	1
Voltage	230/400V
Current	16A x 3 Phase
VA per Input (Load Capacity)	11.0kW
Frequency	50/60Hz
Over Current Protection	None
Switch	No
Scrolling / Rotatable Digital Display	Yes
Power Cable Wire Gauge	4mm²
Power Cable Length	3m
Power Entry Location	Bottom Front
Plug Type	IEC60309 3P+N+E, 16A, 250/440V, Splash proof IP44
Combined Total Receptacle/Socket Quantity	42
Receptacle/Socket Type #1	IEC C13
- Quantity	36
- Quantity per Breaker	n/a
- Quantity per Phase	12
- Maximum Output per Receptacle/Socket	10A
- Voltage per Receptacle/Socket	230V

Receptacle/Socket Type #2	IEC C19
- Quantity	6
- Quantity per Breaker	n/a
- Quantity per Phase	2
- Maximum Output per Receptacle/Socket	16A
- Voltage per Receptacle/Socket	230V
Internal RMS Voltage Sensor	Yes
Internal RMS Current Sensor	Yes
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	60C / 140F
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
Chassis Dimensions (HxWxD)	1683mm x 51mm x 58mm