

OVERVIEW

Upgradeable Switched Unit Level Monitored EC rPDUs provide reliable power distribution to critical IT equipment while delivering individual outlet level control and a comprehensive view of input 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

- 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 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.
- Fault-Tolerant Daisy Chaining with RSTP simplifies intelligent rPDU connectivity and ensures data is reported even when a break in the network chain occurs. Supports up to 40 rPDUs.
- Daisy-chain up to 50 devices on a single IP address and reduce



Part #: VP5N31A5

Model Number: MNS5M1R6-12CF13-3PS56B0H10-S

Category: Switched

Sub Category: Unit Level Monitoring

Power Configuration: 30A, 240/415V WYE, 17.2kW

Physical Configuration: 19in / 483mm, Horizontal

Product Summary:

rPDU, Switched Unit Level Monitoring EC, 30A, 240/415V WYE, 17.2kW, Horizontal, (12) Combination C13/C19, 10ft / 3m power cord with 3P+N+E (IP44), Black Powder Coat.

Monitoring:

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

Plug Form:



3P+N+E (IP44)

Receptacle:



Combination C13/C19
(Quantity: 12)

Chassis Color Options:

deployment time with self-configuration of downstream devices.



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

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|---|---|
| Monitoring | Input power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility 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 1% Accuracy |
| Remote Power Management | Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up |
| Quantity Of Inputs | 1 |
| Voltage | 200-240/346-415V WYE |
| Current | 30A x 3 Phase WYE |
| VA per Input (Load Capacity) | 17.2kW (240V) |
| Frequency | 50/60Hz |
| Over Current Protection | (6) 20A Single Pole Magnetic Breakers (10kAIC Rated) |
| Switch | Breaker/Switch Combination |
| LCD Touchscreen Display / Auto Oriented | Yes |
| Indicators - LED(s) | 12 |
| Power Cable Wire Gauge | 10/5 |
| Power Cable Length | 10ft / 3m |
| Power Entry Location | Left Rear |
| Plug Type | IEC60309 3P + N + E, 30A, Splashproof IP44 |
| Receptacle/Socket Type #1 | Combination C13/C19 |
| - Quantity on Rear | 12 |
| - Quantity per Breaker | 2 |
| - Quantity per Phase | 4 |
| - Circuit Color ID | 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue |
| - Style | Banks of 6 |
| - Voltage per Receptacle/Socket | 240V (L-N) |
| Network Connection | Dual 10/100/1000Mbps Ethernet |
| Protocols Supported | DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP |
| Data Access Formats | CSV datalog, JSON API, JSON datalog |
| USB Support | Yes |
| IP Reset Button | Yes |

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|-----------------------------------|--|
| 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 | 19in / 483mm Horizontal Rackmount |
| Adjustable Mount Brackets | Yes |
| Country of Origin | USA, TAA Compliant and Buy American Act COTS Compliant |
| Product Warranty | 5-year limited warranty |
| Certification/Agency Approvals | UL & c-UL Listed 62368-1 |
| Certification/Agency Approvals | RoHS Compliant |
| Certification/Agency Approvals | FCC Part 15 Class A Conformance |
| Chassis Dimensions (HxWxD) | 1.72in x 17in x 12in / 44mm x 432mm x 305mm |
| Shipped Weight | 18lbs (8.16kg) |