

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 #: VP5UV0A1

Model Number: DUS5MGB1-24CF17-2S02A9K00-S-A-RC

Category: Switched

Sub Category: Unit Level Monitoring

Power Configuration: Variable, Variable, 22.0kW

Physical Configuration: 72in / 1829mm, Vertical

Product Summary:

rPDU, Switched Unit Level Monitoring EC, Residual Current Metering Type B, 22.0kW, Variable Power Configuration, Vertical, (24) Combination C13/C19, Universal Inlet, 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 LED display.

Plug Form:



Universal Inlet

Receptacle:



Combination C13/C19
(Quantity: 24)

Chassis Color Options:



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

Monitoring

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

deployment time with self-configuration of downstream devices.

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| Input Monitoring | Total Unit Monitoring (kWh, W, VA, PF) Phase 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 |
| Residual Current Metering (RCM) | Phase (A, B, C) Type B (AC/DC) with operating characteristics defined in IEC 62020:1998+AMD1:2003. |
| Remote Power Management | Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up |
| Quantity Of Inputs | 1 |
| Maximum Input Power (Defined by Facility Side Cable) | 63A Single Phase, 240V Max, 14.4kW 48A 3 Phase DELTA, 240V Max, 19.9kW 32A Three Phase WYE, 240/415V Max, 22.0kW |
| Frequency | 50/60Hz |
| Over Current Protection | (6) 16A Double Pole Magnetic Breakers (10kAIC Rated) |
| Switch | Breaker/Switch Combination |
| LCD Touchscreen Display / Auto Oriented | Yes |
| Indicators - LED(s) | 24 |
| Power Entry Location | Pivoting Connector |
| Plug Type | Universal Inlet |
| Alternating Phase/Circuits | Yes |
| Receptacle/Socket Type #1 | Combination C13/C19 |
| - Quantity on Face | 24 |
| - Quantity per Breaker | 4 |
| - Circuit Color ID | 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue |
| - Style | Banks of 6 |
| - Voltage per Receptacle/Socket | Defined by Facility Side Cable |
| 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 |
| 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 | Zero U |
| 4689 UPDU Mounting Bracket Kit | Yes |
| Toolless Mounting Hardware - Center to Center Spacing | 61.25in and 64.75in / 1556mm and 1645mm |

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| Country of Origin | USA, TAA Compliant and Buy American Act COTS Compliant |
| Product Warranty | 5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years |
| Certification/Agency Approvals | CE Marked |
| Certification/Agency Approvals | UKCA Marked |
| Certification/Agency Approvals | Complies with IEC 62368-1 (DOC Available) |
| Certification/Agency Approvals | Complies with EN 55032 and EN 55035 |
| Certification/Agency Approvals | RoHS Compliant |
| Certification/Agency Approvals | C _p Mark |
| Chassis Dimensions (LxWxD) | 66.25in x 2in x 2.6in / 1683mm x 51mm x 66mm |
| Doghouse (D) | 1.4in / 36mm |
| Shipped Weight | 27lbs (12.25kg) |