

OVERVIEW

Upgradeable 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. With the Geist Upgradeable hot-swap technology, users may easily update the rPDU technology with the addition of the appropriate Interchangeable Monitoring Device (IMD) as business needs change.

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. Supports up to 40 rPDUs.

Part #: VP7UU0A0

Model Number: DUU5M4W1-36PT67-1S02A9K00-S-A

Category: Switched

Sub Category: Outlet Level Monitoring

Power Configuration: Variable, Variable, 11.0kW

Physical Configuration: 72in / 1829mm, Vertical

Product Summary:

rPDU, Switched Outlet Level Monitoring EC, 11.0kW, Variable Power Configuration, Vertical, (30) Locking IEC C13, (6) Locking IEC C19, Universal Inlet, Black Powder Coat.

Monitoring:

Input and Outlet power monitoring with Outlet switching. Environmental monitoring via optional remote sensors. Daisy chain ethernet connectivity. Local high visibility display.

Plug Form:



Universal Inlet

Receptacle:



Locking IEC C13
(Quantity: 30)



Locking IEC C19
(Quantity: 6)

Chassis Color Options:



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

Monitoring

Input and Outlet power monitoring with Outlet switching. Environmental monitoring via optional remote sensors. Daisy chain ethernet connectivity. Local high visibility display.

- Daisy-chain up to 50 devices on a single IP address and reduce 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 |
| 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 |
| Maximum Input Power (Defined by Facility Side Cable) | 48A Single Phase, 240V Max, 11.0kW 24A 3 Phase DELTA, 240V Max, 8.6kW 16A Three Phase WYE, 240/415V Max, 11.0kW |
| Frequency | 50/60Hz |
| Over Current Protection | (3) 16A Double Pole Magnetic Breakers (10kAIC Rated) |
| Switch | Breaker/Switch Combination |
| LCD Touchscreen Display / Auto Oriented | Yes |
| Indicators - LED(s) | 36 |
| Power Entry Location | Pivoting Connector |
| Plug Type | Universal Inlet |
| Combined Total Receptacle/Socket Quantity | 36 |
| Alternating Phase/Circuits | Yes |
| Receptacle/Socket Type #1 | U-Lock IEC C13 |
| - Quantity on Face | 30 |
| - Quantity per Breaker Pair | 10 |
| - U-Lock Color ID | 3 Circuit = Orange, Green, Blue |
| - Style | Individual |
| - Voltage per Receptacle/Socket | Defined by Facility Side Cable |
| Receptacle/Socket Type #2 | U-Lock IEC C19 |
| - Quantity on Face | 6 |
| - Quantity per Breaker Pair | 2 |
| - U-Lock Color ID | 3 Circuit = Orange, Green, Blue |
| - Style | Individual |
| - 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 |

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| 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 |
| 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 | UL & c-UL Listed 62368-1 |
| 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 | RCM Mark (EMC Only) |
| Certification/Agency Approvals | FCC Part 15 Class A Conformance |
| Certification/Agency Approvals | China RoHS |
| Certification/Agency Approvals | C _p Mark |
| Chassis Dimensions (LxWxD) | 72in x 2in x 2.6in / 1829mm x 51mm x 66mm |
| Doghhouse (D) | 1.4in / 36mm |
| Shipped Weight | 27lbs (12.25kg) |