

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 #: 14240337

Model Number: CU30016L

Category: Switched

Sub Category: Outlet Level Monitoring EC

Power Configuration: 32A, 230V, 7.3kW

Physical Configuration: 1683mm x 51mm x 66mm, Vertical

Product Summary:

CU30016L – rPDU, Switched Outlet Level Monitoring EC, 32A, 230V, 7.3kW, Vertical, (24) Locking IEC C13, 10ft / 3m power cord with 2P+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:



2P + E
(IP44)

Receptacle:



Locking IEC C13
(Quantity: 24)

Chassis Color Options:



Product Specification and Options

System Features

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| 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 | 230V |
| Current | 32A |
| VA per Input (Load Capacity) | 7.3kW |
| Frequency | 50/60Hz |
| Over Current Protection/Switch | (2) 16A Single Pole Magnetic Breakers |
| Scrolling / Rotatable Digital Display | Yes |
| Power Cable Wire Gauge | 4mm ² |
| Power Cable Length | 3m |
| Power Entry Location | Bottom Front |
| Plug Type | IEC60309 2P+E, 32A, 230V, Splash proof IP44 |
| Combined Total Receptacle/Socket Quantity | 24 |
| Receptacle/Socket Type #1 | U-Lock IEC C13 |
| - Quantity | 24 |
| - Quantity per Breaker | 12 |
| - U-Lock color | 2 Circuit = Orange, Green |
| - Maximum Output per Receptacle/Socket | 10A |
| - Voltage per Receptacle/Socket | 230V |

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| 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 | 0~45°C / 32~113°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 |