

## 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 #: 14240334

**Model Number:** CU30001L

**Category:** Switched

**Sub Category:** Outlet Level Monitoring EC

**Power Configuration:** 16A, 230/400V WYE, 11.0kW

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

### Product Summary:

CU30001L – rPDU, Switched Outlet Level Monitoring EC, 16A, 230/400V WYE, 11.0kW, Vertical, (21) Locking IEC C13, (3) Locking IEC C19, 10ft / 3m power cord with 3P+N+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:



3P + N + E  
(IP44)

### Receptacle:



Locking IEC C13  
(Quantity: 21)



Locking IEC C19  
(Quantity: 3)

### Chassis Color Options:



## Product Specification and Options

### System Features

<b>Monitoring</b>	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.
<b>Input Monitoring</b>	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
<b>Circuit Monitoring</b>	Circuit / Breaker Monitoring (A)  Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy
<b>Outlet Monitoring</b>	Outlet Monitoring (kWh, W, VA, PF, V, A)  Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements.
<b>Remote Power Management</b>	Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up
<b>Quantity Of Inputs</b>	1
<b>Voltage</b>	230/400V
<b>Current</b>	16A
<b>VA per Input (Load Capacity)</b>	11.0kW
<b>Frequency</b>	50/60Hz
<b>Over Current Protection</b>	None
<b>Switch</b>	None
<b>Scrolling / Rotatable Digital Display</b>	Yes
<b>Power Cable Wire Gauge</b>	4mm <sup>2</sup>
<b>Power Cable Length</b>	3m
<b>Power Entry Location</b>	Bottom Front
<b>Plug Type</b>	IEC60309 3P+N+E, 32A, 230/400V, Splash proof IP44
<b>Combined Total Receptacle/Socket Quantity</b>	24
<b>Receptacle/Socket Type #1</b>	U-Lock IEC C13
- Quantity	21
- Quantity per Phase	7
- U-Lock color	3 Circuit = Orange, Green, Blue
- Maximum Output per Receptacle/Socket	10A
- Voltage per Receptacle/Socket	230V

<b>Receptacle/Socket Type #2</b>	U-Lock IEC C19
<b>- Quantity</b>	3
<b>- Quantity per Phase</b>	1
<b>- U-Lock color</b>	3 Circuit = Orange, Green, Blue
<b>- Maximum Output per Receptacle/Socket</b>	16A
<b>- Voltage per Receptacle/Socket</b>	230V
<b>Network Connection</b>	Dual 10/100Mbps Ethernet
<b>Protocols Supported</b>	DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+
<b>Data Access Formats</b>	CSV datalog, JSON API, JSON datalog
<b>USB Support</b>	Yes
<b>IP Reset Button</b>	Yes
<b>Hard Reboot Button</b>	Yes
<b>Serial Connection</b>	RS232 via RJ45
<b>Remote Sensor RJ Connection Jacks</b>	1 (Supports up to 16 Sensors)
<b>Maximum Operating Temperature</b>	60°C / 140°F
<b>Heavy Steel - Powder Coat Finish</b>	Black
<b>Configuration</b>	0U, Vertical
<b>Toolless mounting HW – Center to Center</b>	1560mm and 1645mm (Vertical mounting bracket included)
<b>Product Warranty</b>	5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
<b>Certification/Agency Approvals</b>	CE, EN55032 & EN55024, IEC62368-1, RoHS, China RoHS
<b>Chassis Dimensions (HxWxD)</b>	1683mm x 51mm x 66mm