Input Metered, Outlet Switched PDU

SKU#: ECX-SH1108000-A

The ECX-SH1108000-A input metered, outlet switched PDU distributes power to devices in the rack and offers real-time phase and circuit breaker and network monitoring of power loads for overload avoidance, capacity & load balancing, and energy use optimization. Switched outlets allow power-up equipment sequencing, remote reboot, and outlet access control. A hot-swappable network management controller allows for future upgrades and enhanced MTTR. The controller can also manage up to eight environmental sensors, or two security access handles which are managed through the PDU. The ECX-SH1108000-A can be managed by webUI, telnet or SSH, SNMP, or RESTful API. Symmetric outlets and phases provide consistent wiring in top or bottom orientations.

Figure 1 - Input Metered, Outlet Switched PDU - ECX-SH1108000-A - Front

Figure 2 - Input Metered, Outlet Switched PDU - ECX-SH1108000-A - Angled

PRODUCT FEATURES

- Real-time phase and circuit breaker metering and monitoring of power loads
- Remote PDU access management
- Environmental monitoring to detect temperature, humidity, and water leaks (up-to eight sensors)
- Consolidation of IP address management by daisy-chain of up to four PDU's
- Conforms to the following standards: Redfish API, RESTful API, IPV6-SSL/IPsec, SNMP V3
- Integrates with DCIM and BMS

APPLICATIONS

- Environments that require energy metering
- Colocation facilities
- MDF, IDF, Data Center, Computer Room, Data Room Environment

SPECIFICATIONS

PDU FUNCTION	SPECS
Energy Metering	Voltage (V), Current (A), Active Power (kW), Apparent Power (kVA), Energy (kWh), Power Factor
Metering Accuracy	Billing grade, 1% ISO/IEC 62053-21
Input Level Metering	(V, A, kW, kVA, kWh, pf) per ISO/IEC 62053-21
Outlet Switching	Yes with user programmable startup sequencing
Network Management	Gigabit, 10/100/1000 BaseT
Locking IEC Outlets	Yes, dual methods - Wlock and cable tie downs
Color Coded Outlets and Circuit Breakers	Yes
Field Replaceable Intelligence Module	Yes, full hot-swappable

ELECTRICAL	SPECS
Acceptable Input Voltage	100-240V, +6%, -10%
Input Current (Phase)	NAM: 20A (16A derated), EMEA: 16A
Input Frequency	50/60 Hz
Input Power	3.7 kVA
Input Plug	IEC320 C20
Rated Output Current (Phase)	16A
Rated Output Current (Outlet)	C13: 10A
Overload Protection (Internal)	N/A
Outlet Configuration	Total: (8) C13

PHYSICAL	SPECS
Dimensions	1.71” x 17.46” x 10.63” (43.5 x 443.5 x 270 mm)
Depth at Circuit Breaker, in (mm)	N/A
Input Cord Length, ft (m)	N/A

SPECIFICATIONS (CONTINUED)

ENVIRONMENTAL	OPERATING	STORAGE
Maximum Elevation, Above MSL	0-10,000 ft / 0-3,000 m	0-50,000 ft / 0-15,000 m
Temperature	23 to 140°F / -5 to 60°C	-13 to 149°F / -25 to 65°C
Outlet Level Metering	5-95% RH non-condensing	5-95% RH non-condensing

COMPLIANCE/STANDARDS	SPECS
EMC Compliance	FCC, ICES
Safety Compliance	UL, cUL, IEC/UL 60950-1
Environmental	RoHS

WARRANTY	Duration
PDU Warranty	2 Years