

Basic PDU

ECX-BVI830000-K



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The ECX-BVI830000-K Basic PDU distributes power to devices in the rack configured with premium high-temperature, branch-rated hydraulic-magnetic circuit breakers. Numbered outlets and circuit breakers allow easy identification of circuit configuration for reduced connectivity errors. Ultra-low profile design reduces space when installed in the IT cabinet and improves airflow efficiency. The outlet layout is designed to alternate small groups of outlets by circuit breaker along the length of the PDU for improved load balancing. The alternating-phase outlets also allow for better load balancing and more efficient power distribution.

PRODUCT FEATURES

- Premium high temperature branch rated magnetic hydraulic circuit breaker
- Ultra-Low-profile design
- Alternating-Phase
- High Density outlet arrangement

APPLICATIONS

- Power for data center rack equipment
- Colocation facilities
- MDF, IDF, Data Center, Computer Room, Data Room Environment



SPECIFICATIONS

ELECTRICAL	SPECS
Acceptable Input Voltage	208 VAC, +6%, -10%
Input Current (Phase)	50A (3 phase)
Input Frequency	50/60 Hz
Input Power	14.4 kVA
Input Plug	CS8365 3P+G
Maximum Output Current (Phase)	40A (3 phase)
Maximum Output Current (Outlet)	C13: 12A
Overload Protection (Internal)	(6) 20A, 2-pole, 5kAIC
Outlet Configuration	Total: (30)C13 Alternating-Phase



PHYSICAL	SPECS
Dimensions	68.5" x 2.25" x 2" (1740 x 57 x 51 mm)
Depth at Circuit Breaker, in (mm)	2.36" (60 mm)
Input Cord Length, ft (m)	10' (3 m)

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
Humidity	5-95% RH non-condensing	5-95% RH non-condensing

COMPLIANCE	SPECS
EMC Compliance	N/A
Safety Compliance	UL, cUL, IEC/UL 60950-1, UL/IEC 62368-1, CE-LVD
Environmental	RoHS

WARRANTY	SPECS
PDU Warranty	5 years