



SX-AEP-1011i

TECHNICAL DESCRIPTION

The SX-AEP-1011i shall be a one-rack-space unit in a magnetic shielding steel enclosure. It shall operate from 240 volts AC and have a 10-foot, grounded, 3-wire #14 detachable line cord. There shall be 10 grounded AC receptacles on the back panel and 1 grounded AC receptacles on the front panel with all total 11 switched. Overall dimensions shall be 1.75" H x 19" W x 12.25" D. Weight shall be 12 pounds. The unit shall have remote turn-on capabilities enabled by wired Ethernet, serial, and terminal block connections. Remote turn-on and turn-off shall be activated by contact closure or software. It shall have remote control, sequencing, scheduling, measurement, AutoPing, and adjustable trigger functions, and shall support wired RS-232, Ethernet HTTP, HTTPS, SNMPv1, SNMPv3, NTP, mDNS, 802.1x, LDAP and SSH protocols. The unit shall measure voltage, current (per outlet), power (per outlet), energy (per outlet), and temperature, and shall record events in its internal memory. There shall be two relay outputs for control and cascading. The SX-AEP-1011i shall have a load rating of 10 amps at 240 volts, a self-test circuit with visual indicator, and provide EMI/RFI filtering, inrush current elimination and catastrophic over/under-voltage shutdown. It shall withstand at least 1000 occurrences of surge pulse voltages up to 6000 volts.

Parameter	SX-AEP-1011i	
AC Load Rating	10A @ 240V	
Power Requirement (no load)	12 Watts	
Freq	50/60 Hz	
No of Outlets - back	10	
No of Outlets - front	1	
Measurement Accuracy	Voltage	± 2%
	Current	± 5%
	Power	± 7%
	Energy	± 7%
Timestamp Accuracy	± 1%	
Auxiliary Relay Outputs	(2) 3 x screw terminal	
Contact Closure Input	(1) 2 x screw terminal	
Temperature and Humidity	(1) 4 x screw terminal	
Serial Port	RS232 port	
Network Port	10/100 Ethernet connection on Female RJ-45, Auto Negotiating with 10/100 network connections with Link and Activity LEDs	
	USB RNDIS Device on micro-AB	
Weight	11.9 Lbs/5.4Kg	
Dimensions (Enclosure)	Height:	1.73"/44mm
	Width:	17.4"/442mm
	Depth:	11.8"/300mm
Temperature Range: 100% Load	0 to 45 °C (32 - 113 °F)	
Humidity Range	5% to 95% R.H. Non-condensing	
Altitude	0 - 10000ft (0 - 3048meters)	
Agency Listings	Safety	Certified to UL 62368-1
		CE Mark
		RoHS: Compliant
		REACH: Compliant
	EMC	WEEE
		EN 55035:2017+A11:2020
		EN 55032:2015 + A1:2020
		EN IEC 61000-3-2:2019 + A1:2021
EN 61000-3-3:2013 + A2:2021		
Surge Protection	Advanced Series Mode	
IP protection class	IPX0	
AC Power System Type	TN	
Pollution Rating	Pollution degree (PD) PD 2	

