



# SX-DSP-109i

## TECHNICAL DESCRIPTION

The SX-DSP-109i is a universally mountable unit enclosed in magnetic shielding steel. It operates at 240 volts AC and feature a detachable line cord. The output consists of 9 AC receptacles with 8 individual switchable outlets. Additionally, a USB port is included for out-of-band control and configuration. The Defender Series+ is certified to UL 62368-1 and supports remote turn-on capabilities via wired Ethernet, with software activation for remote-on, turn-off, and reboot functions. A wide range of remote control features, including sequencing, scheduling, measurement, AutoPing, and adjustable trigger functions. The supported protocols are wired Ethernet HTTP, HTTPS, SNMPv1, SNMPv3, NTP, mDNS, 802.1x, and LDAP. Measurement capabilities encompass voltage, current, power, frequency, energy, and temperature. Events and measurements are recorded in the internal memory. For IEC models, the SX-DSP-109i has a load rating on 10 amps at 240 volts. EMI/RFI filtering and catastrophic over/under-voltage shutdown are available and will be able to withstand surge pulse voltages up to 6000 volts.

Parameter		Item Number
AC Load Rating		SX-DSP-109i
AC Load Rating		10A @ 240V
Power Requirement (no load)		9 Watts
No of Outlets - back		8
No of Outlets - front		1
Measurement Accuracy	Voltage	± 2%
	Current	± 5%
	Power	± 5%
	Energy	± 5%
Timestamp Accuracy		± 1%
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		7.05 Lbs/3.2Kg
Dimensions (Enclosure)	Height:	1.73"/44mm
	Width:	17.4"/442mm
	Depth:	9.85"/250mm
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
		WEEE
		RoHS: Compliant REACH: Compliant
	EMC	EN 55035:2017+A11:2020
		EN 55032:2015 + A1:2020
		EN 61000-3-2:2019 + A1:2021
		EN 61000-3-3:2013 + A2:2021
Surge Protection		Multi Stage Surge Protection
IP protection class		IPX0
AC Power System Type		TN
Pollution Rating		Pollution degree (PD) PD 2

