



SX-DS-154

TECHNICAL DESCRIPTION

The SX-DS-154 shall be a compact mountable unit in a magnetic shielding steel enclosure. It shall operate from 120 volts AC and have a 6-foot, grounded, 3-wire #14 line cord. There shall be 4 grounded AC receptacles. Overall dimensions shall be 1.79" H x 8.15" W x 7.27" D. Weight shall be 4.1 pounds. The unit shall have remote turn-on capabilities enabled by a wired serial connection. The unit shall measure voltage and record power quality events in its internal memory. Remote turn-on and turn-off and retrieval of measurements and recorded events shall be activated by software. The SX-DS-154 shall have a load rating of 15 amps at 120 volts and provide EMI/RFI filtering, inrush current elimination, zero-cross switching, and catastrophic over/under-voltage shutdown.

SPECIFICATIONS		SX-DS-154
Load Rating		15A
Voltage Rating		120V
Power Requirement (no load)		4 W
EMI/RFI Filter	Normal mode (50Ω load)	>30dB , 80kHz-50MHz
	Common Mode (50Ω load)	> 30dB , 70kHz-50MHz
Under-Voltage Auto Shutdown		Adjustable from 80V to 95V, or disabled. Default Disabled.
Over-Voltage Auto Shutdown		Adjustable from 135V to 160V. Default 150V.
Over-Current Auto Shutdown		Circuit Breaker
Over-Temperature Auto Shutdown		None
Measurement Accuracy	Voltage	±2% Typical product accuracy between 40V and 180V
	Current	NA
	Power	NA
	Energy	NA
	Temperature	NA
Network Port		No
Serial Port		Custom Serial UART
Temperature Sensor Input		None
Auxiliary Relay Outputs		No
Contact Closure Input		No
Dimensions		8.152" W x 7.272" D x 1.79" H
Weight		4.1 lbs
Temperature Range:		5C to 35C
Humidity Range		5% to 95% R.H. Non-condensing
Agency Listings		Conforms to UL Stds 1283 & 1449 Certified to CSA Std C22.2 No. 8

* 1.2 x 50 microsecond industry standard combination wave surge as per IEEE C62.41

** Specifications subject to change without notice

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