



# SX-1120-RT

## TECHNICAL DESCRIPTION

The SX-1120-RT shall be a one-rack-space unit in a magnetic shielding steel enclosure. It shall operate from 120 volts AC and have a 9-foot, grounded, 3-wire #12 line cord. There shall be 8 grounded AC receptacles on the back panel, with 6 switched and 2 always on. There shall be 1 front-panel courtesy receptacle. Overall dimensions shall be 1.75" H x 19" W x 10.5" D. Weight shall be 11 pounds. The unit shall have remote turn-on capabilities enabled by wired connections to a terminal block. Remote turn-on and turn-off shall be activated by either a contact closure or applied DC voltage. There shall be an output voltage source for connection to a remote LED status indicator and a relay output for control and cascading. The SX-1120-RT shall have a load rating of 20 amps at 120 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.

SPECIFICATIONS		SX-1120-RT
Load Rating		20A
Voltage Rating		120V
Power Requirement (no load)		15 W
Surge Let-through Voltage (6000 Volt Surge)		0 Volts
Maximum Applied Surge Voltage		6000 Volts *
Maximum Applied Surge Current		Unlimited (due to current limiting) *
Maximum Applied Surge Energy		Unlimited (due to current limiting) *
Endurance (C62.41-1991 category B3 pulses)		1 KV > 500,000; 3 KV > 10,000; 6 KV > 1000
EMI/RFI Filter	Normal mode (50Ω load)	> 30dB 80kHz - 50MHz 37 dB @ 100 kHz; 56 dB @ 300 kHz; 75 dB @ 3 MHz; 46 dB @ 30 MHz
	Common Mode (50Ω load)	> 20dB 230kHz - 50MHz > 30dB 700kHz - 20MHz 23 dB @ 300 kHz; 32 dB @ 1 MHz; 50 dB @ 5 MHz; 32 dB @ 20 MHz
Under-Voltage Auto Shutdown		90V
Over-Voltage Auto Shutdown		145V
Over-Current Auto Shutdown		Circuit Breaker
Over-Temperature Auto Shutdown		None
Measurement Accuracy	Voltage	NA
	Current	NA
	Power	NA
	Energy	NA
	Temperature	NA
Network Port		No
Serial Port		None
Temperature Sensor Input		None
Auxiliary Relay Outputs		2 x screw terminal
Contact Closure Input		2 x screw terminal
Dimensions		1.75" H x 19" W x 10.5" D
Weight		11 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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