



SX-DS-156

TECHNICAL DESCRIPTION

The SX-DS-156 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 6 grounded AC receptacles. Overall dimensions shall be 1.79" H x 11.21" W x 7.27" D. Weight shall be 5 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-156 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-156 |
|--------------------------------|------------------------|---|
| 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 | | 11.212" W x 7.272" D x 1.79" H |
| Weight | | 5.0 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

SPECS v.030118

