# AXESS® ELITE

## The most advanced energy management, monitoring, and protection system available

Axess Elite brings a new level of connected sophistication to mains power management. Our IP addressable, surge elimination, and power conditioning management system allows service teams to protect, monitor, and control power distribution platforms remotely. This IP enabled surge eliminator provides two-way communication that manages system energy usage and gives technicians the power to sequence individual outlets and monitor power usage at a system level.

With Axess Elite, service teams can customize, synthesize, and monitor individual outlets and mains power settings via remote access. Axess Elite gives service teams the ability to manage power at the outlet level, control expansion units from the master unit, and monitor the system's energy consumption by each connected device. Using the Axess Elite interface, technicians can hard reboot locked up equipment remotely and schedule automatic triggers to AutoPing devices thus eliminating the time and costs associated with sending a technician onsite for a simple reboot. Additionally, Axess Elite collects rack temperature, voltage, and current draw measurements and displays a log file for advanced monitoring via a user-friendly integrated interface. This sophisticated technology has been designed to promote facilities integration and works with most major control systems, including AMX and Crestron.

Backed with SurgeX Advanced Series Mode® surge elimination technology, Axess Elite includes robust power protection technology that eliminates all surge energy and protects equipment from AC surges and electrical transients, without producing harmful side effects such as ground contamination or common-mode disturbances.

This new line of connected protection sets the standard in mains power management and energy intelligent products, offering a smart, robust solution for any install.

### Features:

- Premium protection, comprehensive energy management, and two-way communication with connected equipment
- Monitor and manage power distribution settings, schedule triggers, and control individual outlets through a simple and intuitive web interface
- Displays power and energy usage per outlet and offers an advanced overview of the system's energy consumption by each connected device
- Monitors temperature, voltage measurements, and current draw measurements
- Controls power on an outlet level, turns outlets on/off/reboots, and allows technicians to control expansion units from the master unit
- Patented Advanced Series Mode® SurgeX surge elimination technology, EMI/RFI Filtering, COUVS Catastrophic Over/Under Voltage Shutdown Protection, and ICE Inrush Current Elimination

| | Model Number | Plug Configuration | | Description |
|---|---|---|---|---|
| | | Input | Output | |
|  | SX-AX10Ei |  IEC C14 |  (8x) IEC C13 | Axess Elite Surge Eliminator with IP Remote Control, 230V/10A, 1U |
|  | SX-AX16Ei |  IEC C20 |  (8x) IEC C13 | Axess Elite Surge Eliminator with IP Remote Control, 230V/16A, 1U |

# Axess Elite

| Technical Specifications | | SX-AX10Ei / SX-AX16Ei |
|---|---|---|
| Load Rating | | 10A/16A total load; 10A per outlet (SX-AX10Ei / SX-AX16Ei) |
| Power Requirement (no load) | | 5 Watts |
| Surge Let-through Voltage (6000 Volt Surge) | | 0 Volts |
| UL 1449 Adjunct Classification Test Results | | 1000 Surges, 6000 Volts, 3000 Amps, B3 pulse;<br>measured suppressed voltage, 170 Volts; no failures |
| 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) | >20 dB 35 kHz – 50 MHz<br>>30 dB 170 kHz – 20 MHz<br>25 dB @ 100 KHz, 40dB @ 300 KHz<br>56 dB @ 3 MHz, 30 dB @ 30 MHz |
| | Common Mode (50Ω load) | >10 dB 300 kHz – 50 MHz<br>>20 dB 1.5 MHz – 50 MHz<br>10 dB @ 300 KHz, 18 dB @ 1 MHz<br>30 dB @5 MHz, 20 dB @ 20 MHz |
| Under-Voltage Auto Shutdown | | Adjustable from 160V to 210V, or disabled. |
| Over-Voltage Auto Shutdown | | Adjustable from 240V to 300V |
| Over-Current Auto Shutdown | | Adjustable from 1A to 20A, or disabled. |
| Over-Temperature Auto Shutdown | | Adjustable from 21°C to 38°C, or disabled. |
| Measurement Accuracy | Voltage | ± 1% from 90 – 300 VRMS |
| | Current | ± 1% from 0.1 – 20 ARMS (Resistive) |
| | Power | ± 5% from 0.1 – 2400 WRMS (Resistive) |
| | Energy | ± 5% kWh |
| | Temperature | ± 2C from -25 – 105C |
| Network Port | | 10/100 Ethernet connection on Female RJ-45, Auto Negotiating with 10/100/1000 network connections with Link and Activity LEDs |
| Serial Port | | RS-232 on Female 9-pin D-subminiature, DCE |
| Temperature Sensor Input | | 2 x screw terminal |
| Auxiliary Relay Outputs | | (2) 3 x screw terminal |
| Contact Closure Input | | 2 x screw terminal |
| Dimensions | | 4.5cm H x 48.3cm W x 33.7cm D |
| Weight | | 5.9 kg |
| Temperature Range: | | 5C to 35C |
| Humidity Range | | 0% to 95% R.H. Non-condensing |
| Agency Listings | | CE applicable country certifications. Contact your SurgeX representative for details. |

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

** Specifications subject to change without notice

***CAUTION: Do not install this device if there is not at least 10 meters (30 feet) or more between the electrical outlet and the electrical service panel.**

**SPECS REV v.1.0**