

AXESS ELITE

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



Axess Elite brings a new level of connected sophistication to 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 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 compiles an internal history 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, 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 power management and energy intelligent products, offering a smart, robust solution for any install.

Features:

- Provides premium protection, comprehensive energy management, and two-way communication with connected equipment
- Enables users to monitor and manage power distribution settings, schedule triggers, and control individual outlets via a user-friendly GUI interface
- Displays power and energy usage per outlet and offers an advanced overview of the system's energy consumption by each connected device
- Collects and internally logs temperature, voltage measurements, and current draw measurements
- Controls power on an outlet level, turns outlets on/off, and allows technicians to control expansion units from the master unit
- Features 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-AX15E	 NEMA 5-15P	 (8x) NEMA 5-15R	Axess Elite Surge Eliminator with IP Remote Control, 120V/15A, 1U
	SX-AX20E	 NEMA 5-20P	 (8x) NEMA 5-15R	Axess Elite Surge Eliminator with IP Remote Control, 120V/20A, 1U

Axess Elite

Technical Specifications

SX-AX15E / SX-AX20E

Load Rating	15/20 Amps at 120 Volts (SX-AX15E / SX-AX20E)
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; 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)	40 dB@100 KHz, 50dB@300 KHz 50 dB@3 MHz, 50 dB@30 MHz
Common Mode (50Ω load)	18dB@300 KHz, 30 dB@1 MHz 50 dB@5 MHz, 50 dB@20 MHz
Under-Voltage Auto Shutdown	Adjustable from 80V to 110V, or disabled
Over-Voltage Auto Shutdown	Adjustable from 130V to 160V
Over-Current Auto Shutdown	Adjustable from 1A to 20A, or disabled
Over-Temperature Auto Shutdown	Adjustable from 70 to 100°F, or disabled
Voltage	± 1% from 90 – 160 VRMS
Current	± 1% from 0.1 – 20 ARMS (Resistive)
MEASUREMENT ACCURACY	
Power	± 5% from 0.1 – 2400 WRMS (Resistive)
Energy	± 5% kWh
Temperature	± 5.3°C from -25 – 105°C
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	19" W x 12.25" D x 1.75" H (Single Rack Space)
Weight	13 lb
Temperature Range	5°C to 35°C
Humidity Range	0% to 95% R.H. Non-condensing
Agency Listings	ETL Certified to UL 1449

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

** Specifications subject to change without notice