

FLATPAK™



Out of sight protection







The SurgeX FlatPak is the ultimate protection innovation for projectors, flat panels, and digital displays. The unit's premium protection and design can easily mount to the back of equipment and integrate with wall/ceiling mounting systems. If you're looking for a compact solution that installs out-of-sight, then the FlatPak is the perfect solution.

Featuring Series Mode surge elimination technology, it provides premium power protection for systems that rely on audio and video performance. This technology is non-sacrificial and eliminates surge energy up to 6,000 Volts, without producing harmful side effects such as ground contamination or common-mode disturbances that can degrade the performance of AV systems. Your connected equipment will be safeguarded from destructive spikes, surges, and inductive transients that can cause disruptions and catastrophic damage.

The FlatPak is available in two configurations. The SA-82 provides premium protection for non-networked devices and the Axess Ready SA-82-AR offers remote IP control capabilities. The SA-82-AR gives technicians the ability to control any device that is not currently IP addressable and manage outlets including on/off, scheduling, AutoPing, and power cycling.

Features:

- Protects wall/ceiling equipment from power disturbances and catastrophic damage
- Provides 100% Fail-safe, non-sacrificial protection
- Eliminates surge energy up to 6,000 Volts
- Ultra compact < 5 lbs design can easily be integrated with wall/ceiling mounting systems
- Features SurgeX Series Mode® surge elimination technology, Impedance Tolerant® EMI/RFI Filtering, and Over Voltage Shutdown (with Auto Reset)
- Improves audio and video performance
- Axess Ready model offers Remote IP control capabilities
- Includes detachable IEC power cord and mounting brackets
- A-1-1 Certified

	Model Number	Plug Configuration		Description
		Input	Output	
	SA-82	 NEMA 5-15P	 NEMA 5-15R	FlatPak Surge Eliminator, 8A/120V, Brackets Included
 <small>web interface</small>	SA-82-AR	 NEMA 5-15P	 NEMA 5-15R	Axess Ready IP-Enabled FlatPak, 8A/120V, Brackets Included

FlatPak™

Technical Specifications	SA-82	SA-82-AR
Load Rating	8 Amps @ 120 Volts	8 Amps @ 120 Volts
Power Requirement (no load)	10 Watts	10 Watts
UL 1449-2 Adjunct Classification Test Results	1000 surges, 6000 volts, 3000 amps, C1 pulse, measured suppressed voltage 290 volts, no failures	1000 surges, 6000 Volts, 3000 Amps, C1 pulse, measured suppressed voltage 290 Volts, no failures
Federal Guidelines	Grade A, Class 1, Mode 1 (CID A-A-55818) A	
EMI/RFI Filter, Normal Mode (50-ohm load)	40 dB @ 100 kHz; 50 dB @ 300 kHz; 50 dB @ 3 MHz; 50 dB @ 30 MHz	40 dB@100 kHz; 50 dB@300 kHz; 50 dB@3 MHz; 50 dB@30 MHz
EMI/RFI Filter, Common Mode (50-ohm load)	18 dB @ 300 kHz; 30 dB @ 1 MHz; 50 dB @ 5 MHz; 50 dB @ 20 MHz	18 dB@300 kHz; 30 dB@1 MHz; 50 dB@5 MHz; 50 dB@20 MHz
Maximum Applied Surge Pulse Joule Rating	Unlimited, due to current limiting (8 x 20 μs)*	Unlimited, due to current limiting (8 x 20 μs)*
Maximum Applied Surge Pulse Voltage	6000 Volts*	6000 Volts*
Maximum Applied Surge Pulse Current	Unlimited, due to current limiting*	Unlimited, due to current limiting*
Endurance	IEEE C62.41-1991 Category B3 (C1)	IEEE C62.41-1991 Category B3 (C1)
Pulses	1 kv>500,000; 3 kv>10,000; 6 kv>1000	m1 kv>500,000; 3 kv>10,000; 6 kv>1000
Overvoltage Shutdown	145 Volts (resume at 135 volts)	145 Volts (resume at 135 Volts)
Dimensions	1.75" H x 5.31" W x 9.06" D	11.375" W x 7.625" D x 1.8125" H
Weight	3.4 lbs	4.75 lb.
Temperature Range	5° to 35° C	5 - 35° C
Humidity Range	5% to 95% R.H., non-condensing	5% to 95% R.H., non-condensing
Agency Listings	ETL and cETL certified to (UL 1449; CSA C22.2 No.8-M1986, R2000) ETL Certified to UL 1283	TUV Certified to UL 60950 Listed I.T.E. File No. E225914 ETL Certified to UL 1449 ETL Certified to UL 1283
CE		Directives 89/336/EEC, 92/31/EEC and 93/68/EEC EN 60950 EN55022: 1998 Class B
FCC		Part 15 Class B
NETWORK		Single 10/100 Unshielded Twisted Pair Ethernet Jack IP Addressed: DHCP Assigned or Static Internal HTTP Web Server Forms Processing Browser Required Internal Telnet Server

* 1.2 x 50 μs pulse, industry standard combination wave surge, as per IEEE C62.41

** Specifications subject to change without notice.

This product, including its components and/or processes carried out thereby, are covered by one or more of the following:
U.S. Pat. No. 4,870,534. 4,870,528. 6,728,089. 6,744,613. 7,068,487. Can. Pat. No. 1,333,191. 1,332,439. Other Patents Pending.