

surgeassure™

PANEL SURGE PROTECTOR

SA Series



FEATURES & BENEFITS

- UL 1449 Listed Type 2 Surge Protective Device
- Rated for 120/240V split phase panels up to 400 Amps
- Installation flexibility
- Audible Alarm
- Internal diagnostics keep you informed
- Reference to Ground Monitoring
- 10 Year product warranty

The surgeassure™ SA Series shields motor-driven appliances in residential and light commercial applications against electrical power surge damage entering through the main electrical service panel.

Multiple parallel MOV technology with individual thermal disconnectors to prevent catastrophic failure.

Two LED lights indicate protection status. An Audible Alarm alerts you when protection is disrupted.

Unique Reference to Ground Monitoring Circuit provides notification if excessive Neutral-Ground voltage is present: A red indicator light will flash and the Audible Alarm will activate.

Major household electrical and electronic equipment are covered against surge damage from the utility for 10 years when an SA Series surge protective device is installed by a licensed electrician.



TECHNICAL SPECIFICATIONS

AC SURGE PROTECTION	
Thermal Fusing	Yes
Catastrophic Surge Circuit	Yes
Surge Spike Capacity	60,000 Amps
Line Voltage	120/240 Split Phase 50/60 Hz
UL 1449 VPR	800V
Rated Voltage	150V
Response Time	<1 nanosecond
Short Circuit Current Rating	100,000 Amps
NEMA 4X Enclosure	Standard

AGENCY APPROVALS & WARRANTY	
UL Listings	UL 1449 Listed - Type 2 SPD
Meets ANSI/IEEE C62.41.1 Requirements	Yes
Product Warranty	10 Years
Connected Equipment Warranty	10 Years (See warranty for details)

SELECTION INFORMATION

PHYSICAL SPECIFICATIONS	DESCRIPTION
SA	Whole House Panel Protector
XMFMKIT	Flush Mount Kit

INSTALLATION: SEE USER'S MANUAL

- Use closest breaker to SPD
- Locate SPD close to intended breaker
- Keep Leads Short as Possible
- Avoid Sharp Bends
- Rotate SPD such that LED indicator is most visible
- Outdoor installation requires appropriate weather sealing at nipple (sealing conduit, etc.)