

## AC Surge Protector SPD SP PLUS Brick 240 Vac Single-Phase MOV 100 kA, Type 2 TAA



### B70-00-6001

#### LEA SP 100 240-1P

##### Features

- High Capacity MOV Protection
- Suppression Status LEDs
- Dry Contact Remote Annunciation Wire Leads
- Wall Mount
- Audible Alarm Switch

##### Applications

- Electrical Panelboards
- Industrial Automation
- Communications Base Stations
- IT & Data Centers
- Switchgear
- Motor Control Centers
- Automatic Transfer Switches
- Wastewater Treatment
- Oil & Gas
- LED Lighting
- Schools
- Hospitals

##### Description

AC surge protector (also known as SPD or lightning protector) B70-00-6001 from Transtector is a brick style SPD that utilizes state of the art MOV technology to protect critical equipment that operates on a 240 Vac Single-Phase electrical service. This surge protector provides effective protection against electrical transient surges that are generated both by external lightning events and by internal switching events and supports long-term system reliability by safely shunting high amounts of transient energy while maintaining a very low clamping voltage. Transtector AC surge protectors are available in stock with same day shipping.

##### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Service Type		Single-Phase		
Frequency	50		60	Hz
Maximum Continuous Operating Voltage (MCOV) L - N			276	Vac
Maximum Continuous Operating Voltage (MCOV) L - G			276	Vac

##### Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		MOV		
Protection Modes		L-N, L-G		
8/20μs Surge Current			100	kA
Nominal Discharge Current Rating (In)		20		kA
VPR 8/20μs L - N			1,000	Vpk
VPR 8/20μs L - G			900	Vpk

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#### Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
VPR 8/20 $\mu$ s				
N - G			1,000	Vpk
Response Time			25	ns
SCCR (Short Circuit Current Rating)		100		kAIC

#### Mechanical Specifications

##### Size

Height	6.3 in	[160.02 mm].
Width	6.3 in	[160.02 mm]
Depth	3.5 in	[88.9 mm]
Weight	3 lbs	[1.36 kg]

#### Environmental Specifications

Temperature Range (Operational)	-40 to +85 deg C
Environmental Protection Rating	NEMA 1
Humidity	95% non-condensing

#### Installation

Mount Type	Panel
Service Wiring Terminal	#10 Electrical Wires to #20 Dry-C Form Contact Wires

#### Compliance Certifications

Certifications	IEEE Category C High and B Medium
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Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated cabinets, power distribution panels and EMP hardened devices.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [AC Surge Protector SPD SP PLUS Brick 240 Vac Single-Phase MOV 100 kA, Type 2 TAA B70-00-6001](https://www.transtector.com/ac-surge-protector-spd-sp-plus-brick-b70-00-6001-p.aspx)

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# B70-00-6001 CAD Drawing

AC Surge Protector SPD SP PLUS Brick 240 Vac Single-Phase MOV 100 kA, Type 2 TAA

