TRANSTECTOR™
an INFINITE brand

AC Surge Protector SPD SP PLUS Brick 120/240 Vac Split-Phase MOV 100 kA, UL 1449 4th Ed. Type 2



B70-00-6002
LEA SP 100 240-1P

Features

- UL1449 4th Ed.
- 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) B70-00-6002 from Transtector is a UL1449 4th Ed. brick style SPD that utilizes state of the art MOV technology to protect critical equipment that operates on a 120/240 Vac split-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 Voltages		120/240		Vac
Service Type		Split-Phase		
Frequency	50		60	Hz
Maximum Continuous Operating Voltage (MCOV)				
L - L			254	Vac
L - N			127	Vac
L - G			127	Vac
N - G			127	Vac

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units

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 120/240 Vac Split-Phase MOV 100 kA, UL 1449 4th Ed. Type 2 B70-00-6002

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Surge Protection Technology	MOV		
Protection Modes	L-N, L-G, L-L		
8/20µs Surge Current		100	kA
Nominal Discharge Current Rating (In)	20		kA
VPR 8/20µs			
L - L		1,200	Vpk
L - N		800	Vpk
L - G		700	Vpk
N - G		700	Vpk
Response Time		25	ns
SCCR (Short Circuit Current Rating)	100		kAIC

Mechanical Specifications

Size

Height	3.5 in	[88.9 mm]
Width	6.3 in	[160.02 mm]
Depth	6.3 in	[160.02 mm]
Weight	3 lbs	[1.36 kg]
Housing Material and Plating	Gray Polycarbonate	

Environmental Specifications

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

Installation

Mount Type	Panel

Compliance Certifications

UL Compliant	Yes
Certifications	UL 1449 4th Ed.

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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.

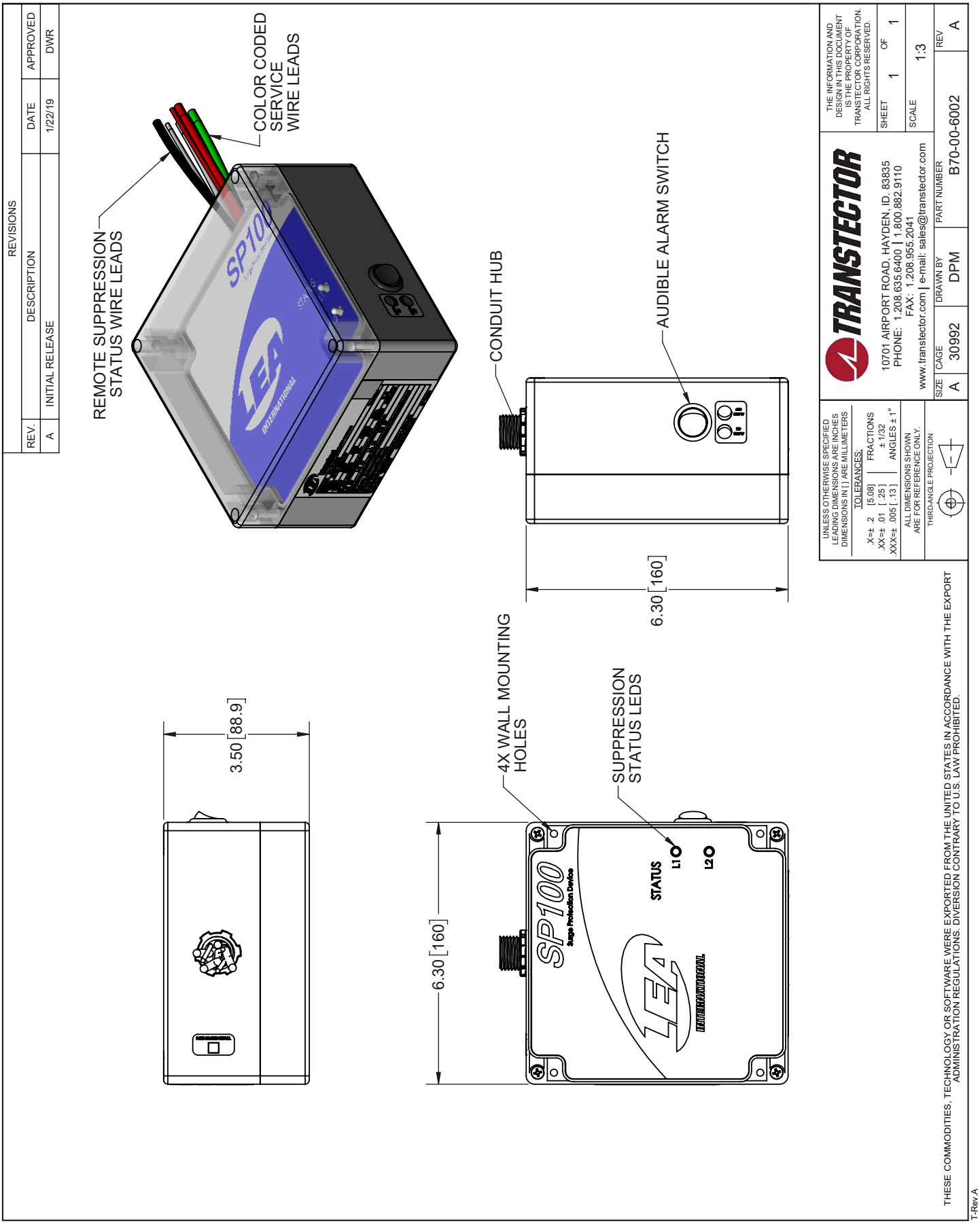
Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: AC Surge Protector SPD SP PLUS Brick 120/240 Vac Split-Phase MOV 100 kA, UL 1449 4th Ed. Type 2 B70-00-6002

URL: https://www.transtector.com/ac-surge-protector-spd-sp-plus-brick-b70-00-6002-p.aspx

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Transtector reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Transtector does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Transtector does not assume any liability arising out of the use of any part or documentation.

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B70-00-6002 CAD Drawing



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