

AC Surge Protector SPD MCP Brick 120/240 Vac Split-Phase SASD, MOV 130 kA, UL 1449 4th Ed.

1101-299
MCP 120TA 10M



Features

- SASD/MOV Protection
- Power and Suppression Status LEDs
- Dry Contact Remote Annunciation Wire Leads
- Wall Mount

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) 1101-299 from Transtector is a UL1449 4th Ed. brick style SPD that utilizes state of the art SASD/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		
Maximum Continuous Operating Voltage (MCOV)				
L - L			280	Vac
L - N			140	Vac

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD, MOV		
Protection Modes		L-L, L-N		
8/20 μ s Surge Current			130	kA
Nominal Discharge Current Rating (In)		10		kA

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 MCP Brick 120/240 Vac Split-Phase SASD, MOV 130 kA, UL 1449 4th Ed. 1101-299

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V _{pl} 8/20 μ s L-N	430 @ 3kA	2,080 @ 10kA	V _{pk}
Response Time	5	ns	

Mechanical Specifications

Size

Height	6.63 in [168.4 mm]
Width	4.15 in [105.41 mm]
Depth	3.25 in [82.55 mm]
Weight	2.5 lbs [1.13 kg]
Housing Material and Plating	Noryl N190X

Environmental Specifications

Temperature Range (Operational)	-40 to +85 deg C
Temperature Range (Storage)	-40 to +85 deg C
Humidity	95% non-condensing

Installation

Mount Type	Panel
Status Indication Terminal	#16 to #22 AWG

Compliance Certifications

UL Compliant Certifications	Yes 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.

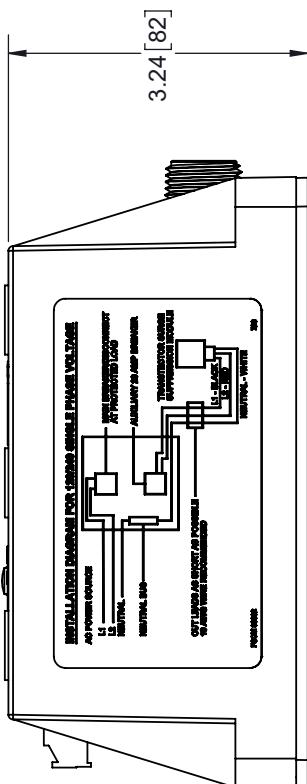
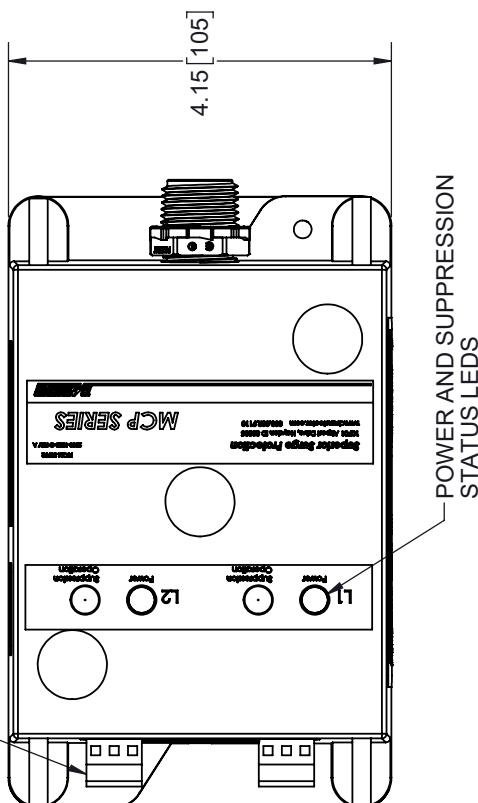
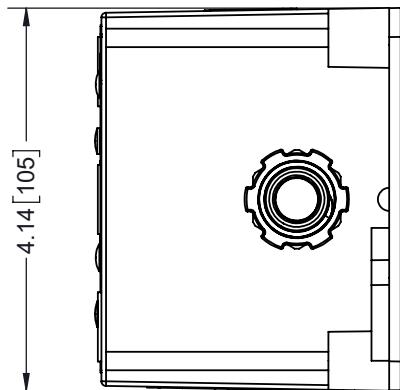
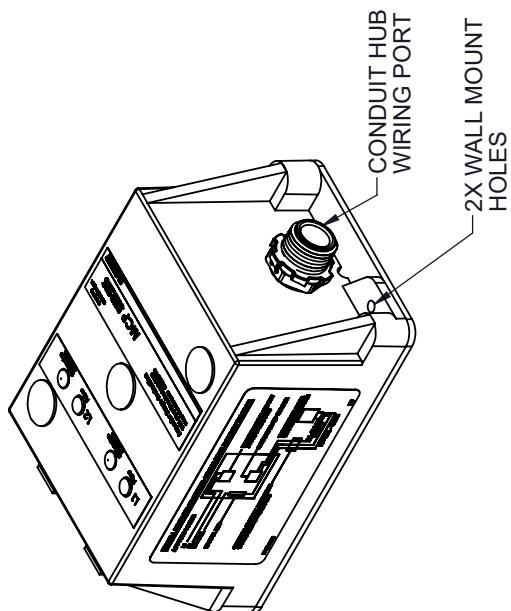
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URL: <https://www.transtector.com/ac-surge-protector-spd-mcp-brick-120-1101-299-p.aspx>

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1101-299 CAD Drawing

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	1/17/19	DWR



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LEADING DIMENSIONS ARE INCHES
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TOLERANCES

	FRACTIONS	
$X = \pm .01$	$[.068]$	$+ .132$
$XX = \pm .01$	$[.25]$	$^\circ$
$XXX = \pm .005$	$[.13]$	1°

FRACTIONS

ANGLES $^\circ$ 1°

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY

THIRD-ANGLE PROJECTION



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