

## AC Surge Protector SPD MCP Brick 120/240 Vac Split-Phase SASD, MOV 200 kA

**1101-689**  
MCP 120TA-20M



### 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) 1101-689 from Transtector is a 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			276	Vac
L - N			138	Vac

### Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD, MOV		
Protection Modes		L-N, L-L		
8/20 $\mu$ s Surge Current			200	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 200 kA 1101-689](#)

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Split-Phase SASD, MOV 200 kA



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Vpl 8/20µs L-N	2,080 @ 10kA		Vpk
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	4 lbs	[1.81 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	90% non-condensing

**Installation**

Mount Type	Panel
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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 MCP Brick 120/240 Vac Split-Phase SASD, MOV 200 kA 1101-689](https://www.transtector.com/ac-surge-protector-spd-mcp-brick-120-1101-689)

URL: <https://www.transtector.com/ac-surge-protector-spd-mcp-brick-120-1101-689-p.aspx>

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1101-689 CAD Drawing

