

## AC Surge Protector SPD MCP DIN-Rail Assy 120/240 Vac Split-Phase SASD, MOV 30 kA

**1101-517-2303**  
MCP-30-120TH-MA1



### Features

- SASD/MOV Hybrid Protection
- Visual indicators for Suppression Status
- Dry Contact Remote Annunciation Wire Leads
- Replaceable Suppression Modules
- Replaceable Fuses
- Outdoor Enclosure
- 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) 1101-517-2303 from Transtector is a DIN-Rail assy 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 - N			150	Vac

### Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD, MOV		
Protection Modes		L-N		
8/20µs Surge Current			30	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 DIN-Rail Assy 120/240 Vac Split-Phase SASD, MOV 30 kA 1101-517-2303](#)

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Nominal Discharge Current Rating (In)	20	kA
Vpl 8/20 $\mu$ s L-N	525 @ 3kA	Vpk
Response Time	5	ns

### Mechanical Specifications

#### Size

Height	8.3 in	[210.82 mm]
Width	8.3 in	[210.82 mm]
Depth	4.17 in	[105.92 mm]
Housing Material and Plating	Steel	

### Environmental Specifications

Temperature Range (Operational)	-40 to +85 deg C
Humidity	90% non-condensing

### Installation

Mount Type	Panel
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### Compliance Certifications

RoHS Compliant	Yes
CE Compliant	Yes

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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1101-517-2303 CAD Drawing

