

## RS485 Surge Protector, Model SP485-S



Electronic equipment is susceptible to transient disturbances from a variety of sources including ESD to an open connector or Interface, direct or nearby lightning strikes to cables and wires, and charged cables "hot plugged" into I/O ports

SP485-S is designed to protect Serial port from damage which may result from such transient events. The protection includes current limitation, voltage clamping, grounding the lightning and surge arresting using a mix of various protection devices to obtain a well balanced surge protector

This is a good alternative for long cable runs through noisy areas or during lightning & noisy transients

### INPUT / OUTPUT

Input / Output	: RS 485 2 Wire
Input Connector	: 3 Pin Screw Type Terminal Block
Output Connector	: 2 Pin Screw Type Terminal Block

### Protection

Transient Voltage Suppression	: 600W
Stand Off Voltage	: 12.8V
Max Breakdown Voltage	: 15.8V
Max Clamping Voltage	: 21.2V
Lightening & Surge Protection	: 4KV
DC Spark Over Voltage	: 72 to 102V Dc
Impulse Spark Over Voltage	: <450V at 100V / $\mu$ sec
	: < 800V at 1 KV / $\mu$ sec

Nominal impulse discharge current (wave 8/20 $\mu$ s) 5)	: 10KA
Single impulse discharge current (wave 8/20 $\mu$ s) 5)	: 15KA

<b>Power Supply</b>	: No power supply needed
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<b>Operating Temperature</b>	: Normal : 55°C
	: Max : 65°C

### Mechanical

Enclosure	: MS Powder Coated
Mounting	: DIN rail
Dimensions	: 65 H X 33 W X 21 D