

RS485 SURGE PROTECTOR

DDSP SERIES



SYNOPSIS

- 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.
- DDSP 485 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 LIGHTENING AND SURGE ARRESTING USING A MIX OF VARIOUS PROTECTION DEVICES TO OBTAIN A WELL BALANCED SURGE PROTECTOR
- THIS A GOOD ALTERNATIVE FOR LONG CABLE RUNS THROUGH NOISY AREAS OR DURING LIGHTENING & NOISY TRANSIENTS.

TECHNICAL SPECIFICATIONS

INPUT/OUTPUT

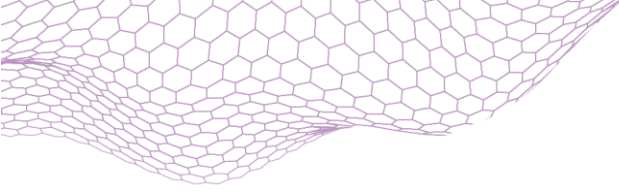
Input / Output	RS 485 2 Wire
Input Connector	3 Pin Screw Type Terminal Block
Output Connector	2 Pin Screw Type Terminal Block

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 / μ sec < 800V at 1 KV / μ sec
Nominal impulse discharge current (wave 8/20 μs) 5)	10KA
Single impulse discharge current (wave 8/20 μs) 5)	15KA

MECHANICAL

Dimension (W x D x H)	65 H X 33 W X 21 D
Enclosure	MS Powder Coated
Mounting	DIN Rail



OPERATING CONDITIONS

Operating Temperature

Normal: 55°C

Max :65°C

Note : No Power Supply Needed

ORDERING CODE

DDSP 485 S

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Databridge Dynamic Surge Protector
With RS485 2 wire

DATA BRIDGE
D Y N A M I C