



ETHERNET 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 IS DESIGNED TO PROTECT RJ45 PORT FROM DAMAGE WHICH MAY RESULT FROM SUCH TRANSIENT EVENTS.
- THE PROTECTION INCLUDES CURRENT LIMITATION, VOLTAGE CLAMPING, GROUNDING THE LIGHTENING AND SURGE ARRESTING.

FEATURES

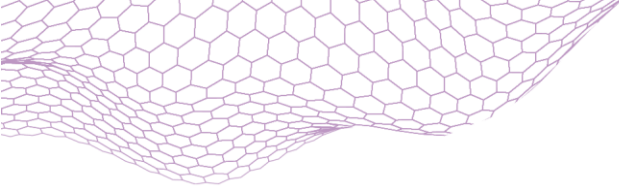
- PROTECTS FOUR LINES
- LOW CAPACITANCE
- LOW LEAKAGE CURRENT
- LOW OPERATING AND CLAMPING VOLTAGES
- SOLID-STATE PROCESS TECHNOLOGY
- EARTH LUG

SPECIFICATIONS

Ethernet Interface	2 no's 10/100 Ethernet Ports, RJ45 Female
Surge Protection	4KV (600W)
Signals Protected	All 4 lines
Working Voltage	Up to 5V DC
Max Voltage	< 40V DC
Nominal impulse discharge current (8 / 20µs pulse)	10A
Max impulse discharge current	10KA
DC spark-over voltage	90V, ±25%
Arc Voltage at 1A	Appx 35V
Glow to arc transition current	1A
Glow voltage	200V
Response Time	≤ 1nsec

MECHANICAL

Dimension (W x D x H)	9.5 * 2.5* 2.2 cm
Weight	Appx 100 gm
Mounting	DIN Rail



OPERATING CONDITIONS

Operating Temperature	-20 to 60°C
Storage environment	-25 to 85°C
Relative Humidity	5 – 95 % - non-condensing

Note : Pls ground the product compulsorily

ORDERING CODE

DDSP

DDSP	Databridge Dynamic Ethernet Surge Protector
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DATA BRIDGE
D Y N A M I C