



Single Port, Industrial Ethernet Surge Protector

Model: EIRSP1

Features

- Space saving, slim enclosure with DIN rail mount.
- Protects all eight lines.
- Power over Ethernet (PoE) compatible.

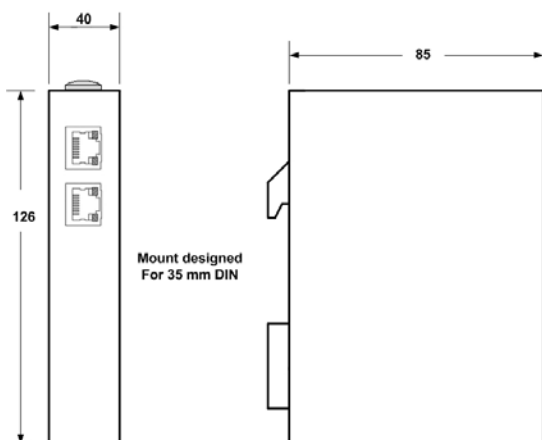
Functional Description

The EIRSP1 is a single port, industrial Ethernet surge protector designed to protect all 8 lines used in a standard CAT5e cable. The product is compatible with 10/100 BaseT networks and Power-over-Ethernet applications. Industry Standard 802.11af allows two methods of implementing PoE: Mode A and Mode B. Mode A applies power to the data pairs (pins 1/2 and pins 3/6). Mode B applies power to the unused pairs (pins 4/5 and pins 7/8). The EIRSP1 offers protection for both PoE implementations. Network connections are made via standard female RJ45 connectors. Grounding is accomplished via a ground lug capable of accepting a 14-gauge wire.

Specifications

Ethernet Connectors	Female RJ45
Clamping Voltage	60 V
Peak Pulse Power	600 Watts
Peak Surge Current	100 Amps
Capacitance	<50 pF
Response Time	<5 nS
Operating Temperature	-40 to 80 °C
Dimensions	126 x 40 x 85 mm (5.0 x 1.6 x 3.3 in)
Regulatory Approvals	CE, RoHS

UNITS = mm
(mm x 0.039 = inches)



DECLARATION OF CONFORMITY

Manufacturer's Name:	B&B Electronics Manufacturing Company
Manufacturer's Address:	P.O. Box 1040 707 Dayton Road Ottawa, IL 61350 USA
Model Numbers:	EIRSP1
Description:	Industrial Ethernet Switch
Type:	Light industrial ITE equipment
Application of Council Directive:	89/336/EEC
Standards:	EN 61000 -4-5

Michael J. Fahrion, Director of Engineering

B&B electronics
MANUFACTURING COMPANY

International Headquarters: 707 Dayton Road PO Box 1040 Ottawa, IL 61350 USA
815-433-5100 Fax 433-5104 www.bb-elec.com orders@bb-elec.com support@bb-elec.com

European Headquarters: Westlink Commercial Park Oranmore Co. Galway Ireland
+353 91 792444 Fax +353 91 792445 www.bb-europe.com orders@bb-europe.com support@bb-europe.com