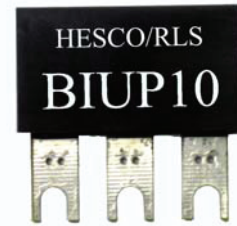


TRAFFIC CONTROL / INTERCONNECT / DATA LINE

BIUP SERIES



DESCRIPTION

The Bus Interface Unit Protector (BIUP) is a three terminal device specifically designed to protect the signal inputs to the bus interface unit devices. The surge protector offers protection in the common mode (line to ground) and differential mode (line to line). The two outside terminals (labeled DL) are for the data lines, while the center terminal (labeled G) is designated for the ground. Specially selected solid state clamping elements have been chosen for the electrical design of the BIUP. These elements have been arranged in such a manner as to appear virtually invisible to the bus interface unit, while offering the maximum surge protection available on the market today. The BIUP also incorporates resettable fuses for each data line (DL). These fuses appear as high impedance components during a transient situation and return to a low impedance state once the surge has been eliminated. Not only do these resettable fuses add further protection to the bus interface units, they prolong the life and integrity of the surge protector.

SPECIFICATIONS

Peak Pulse Power Capability	
Diff. Mode.....	3000W (10x1000uS)
Com. Mode.....	1500W (10x1000uS)
Peak Fwd Surge Current.....	200A
Clamp Voltage	
Com. Mode.....	10V
Diff. Mode.....	volt clamp = BIUP 20V
Occurrences.....	500 @ 200A (10x1000uS)
Response Time.....	<5nS
Input Capacitance.....	<20pF
Temperature.....	-40to 85°C
Weight.....	<3 Oz.

HESCO/RLS Incorporated
1470 Kastner Place, Suite 112
Sanford, FL 32771
Fax (407) 321-2344

For more information and product support call us at...

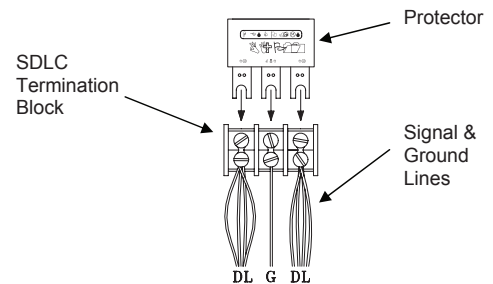
1-800-547-4868

FEATURES

- Total Solid State Design
- Epoxy Encapsulated
- Designed for BIU Protection
- Recovers Automatically
- Compact In Size
- Easy Installation
- Common & Differential Mode

ORDERING INFORMATION

When ordering the BIUP, include the desired clamp voltage as a suffix to the model number. For Example: A Required 10 volt clamp=BIUP10



INSTALLATION

The BIUP is designed to be installed on the 12 position, SDLC bus terminal strip. Simply loosen the three corresponding terminal strip screws and insert the BIUP spade lugs under them. This unit is designed to fit a terminal strip with 9/16" centers. Be sure to specify which clamp voltage when ordering.