

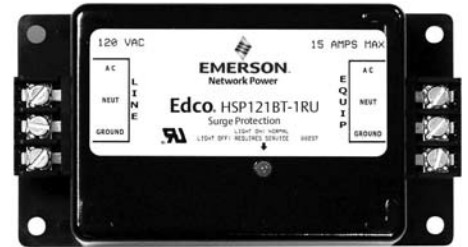
Edco HSP121BT-1RU

Internal Mount 120 VAC Protection

■ Surge Protection
For *Business-Critical Continuity™*

The Edco HSP121BT-1RU is an advanced 3-stage hybrid, solid state power line protector. Features such as noise filtering, common mode and normal mode suppression, nanosecond reaction time, power line tracking, and compression screw terminations, make the Edco HSP121BT-1RU an excellent choice in commercial and industrial applications.

The Edco HSP121BT-1RU offers a replaceable fuse designed to remove the load (protected equipment) from the line if the unit is either overloaded or the internal protection fails. This feature prevents surges from entering equipment through a failed protector, not noticed by the user. Unlike models with only an indicator, which may take weeks to notice, the Edco HSP121BT-1RU demands immediate attention upon the unlikely occurrence of internal failure.



General Technical Specifications

Operating Voltage	120 VAC
Clamping Voltage	325 VAC
Operating Current	15 A
Total Peak Surge Current	39 kA (8 x 20 μ s)
Operating Frequency	47-63 Hz
EMI Attenuation	> 40 dB(100 kHz to 100 MHz)
SPD Technology	Metal Oxide Varistors (MOVs) w/ L-C Filter
Modes of Protection	Line-to-Neutral, Line-to-Ground, Neutral-to-Ground
Status Indication	Power On & MOVs functional
Connection Type	3 position, 20A terminal block w/ compression screws Terminals accept up to 14 AWG
Operating Temperature	-40°C to +85°C
Dimensions (Inches)	1.8H x 2.9W x 5.3L
Weight	10 oz
Certifications	UL 1449 recognized
Warranty	5 years

Features

- Fast response time
- Failure indicator
- Power line tracking
- Filtering
- 3-stage hybrid design
- Replaceable fuse
- UL 1449 recognized
- 5 year warranty

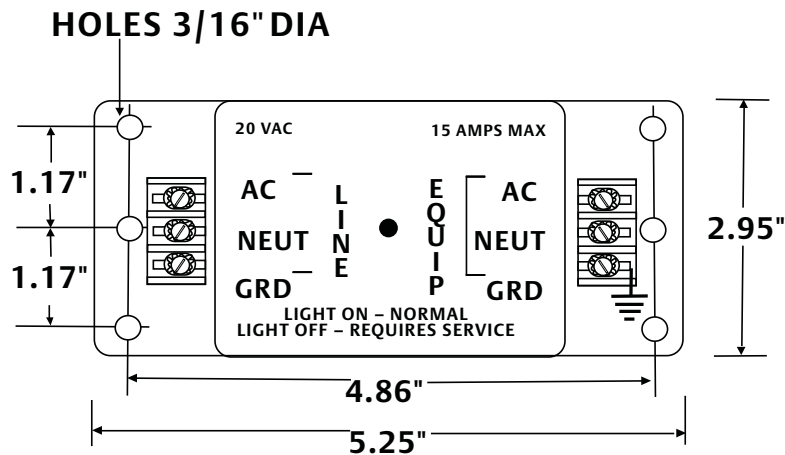
Installation

1. Remove power from equipment to be protected.
2. Mount Edco HSP121BT-1RU in a UL approved housing. Keep all leads as short as possible (less than 3 feet).
3. Position unit within the equipment cabinet so that the fuse holder will be accessible should the fuse need replacing.
4. Secure HSP using up to six screws to fit 3/16" hole openings. Use sheet metal or wood screws depending on the mounting surface.
5. Make sure wiring from power sources properly connects to LINE side of HSP (torque to 7 in. lbs.). Wiring from protected equipment must properly connect to EQUIP side of HSP (torque to 7 in. lbs.).
6. Indication of internal failure:
 - a. Indicator will extinguish.
 - b. Fuse blown will disconnect load from power source.
7. Connect only to 120 VAC, 15 Amp Max., single phase, three wire circuit.

WARNING: Disconnect AC source before replacing fuse.

For continued protection against risk of fire, replace only with same type rating of fuse (3AB, 15A/250V).

Dimensions



Emerson Network Power.
The global leader in enabling
Business-Critical Continuity™.

■ AC Power
■ Connectivity
■ DC Power

■ Embedded Computing
■ Embedded Power
■ Monitoring

■ Outside Plant
■ Power Switching & Control
■ Precision Cooling

■ Racks and Integrated Cabinets
■ Services
■ Surge Protection

Emerson Network Power Contact information

Headquarters

Surge Protection
328 Water Street
Binghamton, NY 13901
T: (607) 721-8840
T: (800) 288-6169
F: (607) 722-8713
E: contactsurge@emerson.com

650 SW 27th Avenue
Ocala, FL 34471
T: (352) 732-3029
T: (800) 648-4076
F: (352) 867-1237

www.emersonnetworkpower.com

