



## Edco HSP121BT-1RU 120 VAC Heavy Duty (Series) 120 Volt AC

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.

### Features

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

### General Technical Specifications

Operating Voltage	120 VAC
Clamping Voltage	325 VAC
Operating Current	15 A
Total Peak Surge Current	39 kA (8 x 20 μs)
Operating Frequency	47-63 Hz
EMI Attenuation (100 kHz to 100 MHz)	> 40 dB
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

### Installation

1. Mount HSP121BT-1RU in a UL approved housing.
2. Make sure wiring from power sources properly connects to LINE side of HSP. Wiring from protected equipment must properly connect to EQUIP side of HSP.
3. Connect only to 120 VAC, 15 Amp max., single phase, three-wire circuit.
4. Indication of internal failure:
  - a. Indicator will extinguish.
  - b. Fuse blown will disconnect load from power source.

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

### Dimensions

