Edco HSP121BT Series

Internal Mount 120 & 220-240VAC Protection

The Edco HSP121BT Series 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 Series an excellent choice in commercial and industrial applications.

The Edco HSP121BT Series 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 Series demands immediate attention upon the unlikely occurrence of internal failure.

General Technical Specifications

	Edco HSP121BT-1RU	Edco HSP121BT-1/200
Operating Voltage	120 VAC	325 VAC
Clamping Voltage	200-240 VAC	650 VAC
Operating Current		15 A
Total Peak Surge Current		39 kA (8 x 20 μs)
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

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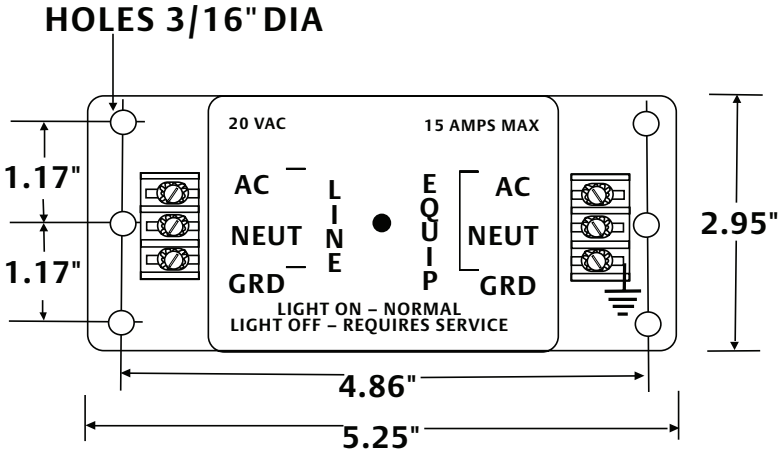
Installation

1. Remove power from equipment to be protected.
2. Mount Edco HSP121BT Series 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



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IO-50119 11/13 Rev. 3 Printed in USA