

TRAFFIC CONTROL / AC SERVICE

HE1800 LED



DESCRIPTION

The HE1800 LED is an updated version of the popular HE1800 surge protector. The new version incorporates thermally protected MOVs and a power on and failure status LED indicator. The standard warranty is for 5 years.

The HE1800 LED incorporates a sophisticated, inline EMI/RFI filter. The inline filter has been designed to effectively reject random noise and spikes from 10KHz to 5MHz. The unit is capable of protecting sensitive equipment from surges up to 44kA. Modes of protection include: L-N, L-G, and N-G.

If random data base memory loss or any other transient interference is effecting the safe operation of one or more of your intersections, the HE1800 LED surge protector will quickly and effectively eliminate the problem.

SPECIFICATIONS

Peak Surge Current (8 x 20us).....	L-N 44kA
.....	L-G 40kA
.....	N-G 40kA
Max Clamp Voltage.....	390VAC
Continuous Service Current.....	15 Amps Max
Operating Temperature.....	-40 to 85c
Dimensions (in.).....	1.875H x 3.25W x 5.75L
Mounting.....	Plastic Baseplate
Connection Type.....	1/4-20 SS Studs

*Unit was tested with neutral strapped to the ground terminal.

Spike Test using Berkley Model 3020 Noise Generator:
 Input spike voltage..... 700 volts P-P
 Maximum voltage excursion above/below sine wave at all phase angles
 0 to 180 degrees..... ±30 volts

HESCO/RLS

220 Springview Commerce Drive
 Unit 190
 DeBary, FL 32713

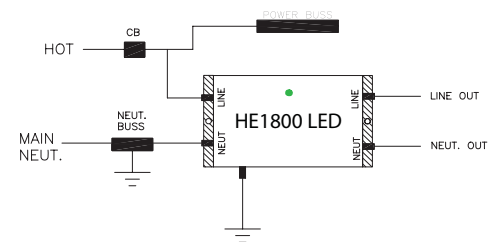
For more information and product support call us at...

1-800-547-4868

FEATURES

- Power On and Failure Status LED
- Protects Against Lightning and Other Surges
- Clamps Harmful Surges Quickly
- Thermally Protected MOVs
- Immediately Self-Restores After Each Surge
- Filter Component Meets MIL-STD-220A Insertion Loss Specifications

INSTALLATION



MIL-STD-220A INSERTION LOSS DATA

Frequency (dB)	Insertion Loss
60Hz.....	0
10Khz.....	.35
50Khz.....	.71
100Khz.....	.72
500Khz.....	.75
2MHz.....	.67
5MHz.....	.57
10MHz.....	.52
20MHz.....	.38