

TRAFFIC CONTROL / AC SERVICE

HE1750R



DESCRIPTION

The HE1750R offers the same protection as the popular HE1750 with a smaller footprint. Because of the high quality of this protector, it may be used as a standalone device without the use of an external line filter. If an external line filter is required, it is recommended that a HESCO/RLS line filter be used.

The HE1750R is a multi-stage, high energy suppressor that incorporates a sophisticated, inline EMI/RFI filter. The inline filter has been designed to effectively reject random noise and spikes from 10KHz to 25MHz. The primary and secondary clamp stages are separated by an inductive network; yet work together to give clamp voltages of under 395 volts at 20KA (8 x 20us).

The HE1750R also incorporates the use of warning/failure indicators in addition to remote sensing for monitoring by a central computer. If random data base memory loss or any other transient interference is effecting the safe operation of one or more of your intersections, the HE1750R surge protector will quickly and effectively eliminate the problem.

SPECIFICATIONS

Peak Surge Current (8 x 20us).....	48KA
Max Clamp Voltage.....	395VAC
Response Time.....	<5nS
Continuous Service Current.....	15 Amps Max
Operating Temperature.....	-40 to 85c
Dimensions (in.).....	3.2W x 3.5L x 1.9H
Mounting.....	6 Position Panel Mount Connector

HESCO/RLS
 220 Springview Commerce Drive
 Unit 190
 DeBary, FL 32713
 386.668.2793 Fax

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

1-800-547-4868

FEATURES

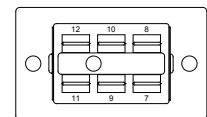
- Modular Design
- Multi-Stage Surge Arrestor
- Effectively Protects Against Lightning and Other Power Surges
- Dry Relay Contact Remote Sensing Circuit
- Immediately Self-Restores After Each Surge
- LED Warning / Failure Indicators

PIN ASSIGNMENTS

Pin Out

Line In.....	11,12
Neutral In.....	7
Ground.....	9
Line Out.....	10
Neutral Out.....	8

HESCO/RLS : 5285



MIL-STD-220A INSERTION LOSS DATA

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

CAUTION: Disconnect Power Prior to Installing or Removing Unit