



Your source for quality, reliable surge protection.

## HIGHWAY LIGHTING SURGE ARRESTOR

# HE Series



### DESCRIPTION

The HESCO/RLS HE series surge arrestors have been designed specifically for the highway lighting industry. Utilizing an MOV-based design, the HE series have proven to protect the most sophisticated of highway lighting systems in the industry today.

The HE series surge arrestors have been designed with the state tax dollars in mind. With this unit, no longer do the individual states have to worry about protecting the investments the state taxpayers have paid for the safety of the drivers in their states on highways.

Not only does this product protect in the common mode (line to ground), it protects in the normal mode also (line to line). Without this unit, the safety of the drivers in your state would be at risk due to the failure of roadway lighting in critical areas of State highways.

The HE series surge arrestors are potted to ensure a protective, waterproof seal over the interior electronics. The units have been tested by UL and conform with UL50E submersibility standard. A copy of the approval letter is available upon request.

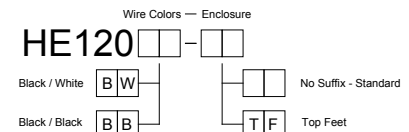
### FEATURES

- Multi-Voltage High Mast Lighting
- Protects Against Lightning and Other Power Surges
- Clamps Harmful Surges Quickly
- Completely Weatherproof
- Immediately Self-Restores After Each Surge
- Line To Ground & Neutral To Ground Protection
- Passed UL50E Submersion Test

### LEAD CONFIGURATION

COLOR	CONNECTION
Green-No. 6 AWG	Ground
Black-No. 10 AWG	L1
Black or White-No. 10 AWG	L2 or Neut

### ORDERING



### SPECIFICATIONS

Model:	HE120	HE240	HE480
Total Peak Surge Current (8x20us)	39kA	39kA	20kA (L-G) 20kA (N-G) 40kA (L-L)
Response Time	<5Ns	<5Ns	<5Ns
Clamp Voltage @ 1mA	280V	420V	700V
Clamp Voltage @ 700A	440V	700V	1060V
Max Allowable Voltage (RMS)	180V	270V	550V
Surge Life (calculated)	40,000 Occurrences @ 700A	40,000 Occurrences @ 700A	40,000 Occurrences @ 700A
Current Drain	<100 uAmps	<100 uAmps	<100 uAmps
Insulation To Ground	600 Vrms	600 Vrms	600 Vrms
Mounting	Lead Supported or Screw-down	Lead Supported or Screw-down	Lead Supported or Screw-down

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

1-800-547-4868

\*The 8x20us waveform is a standard test waveform.