

## TRAFFIC CONTROL / AC SERVICE

# HE100



### DESCRIPTION

The HE100 is a fully encapsulated, solid state arrester, used for medium duty protection of a 120 VAC power line. The HE100 is a stand alone device suitable for use in either exposed or protected environments. With no follow current, the HE100 can repeatedly dissipate 20KA (8 x 20us) surges and immediately self-restore, ready to protect against the next surge. When ordering the HE100, please specify which configuration you will need. The HE100T comes with two #10-32 studs on the top of the unit. The HE100S comes with two #10-32 studs the side. Finally, the HE100W is configured with two 18 inch wire leads. No matter which configuration you choose, you will be assured of the best, most reliable surge arrester available on the market today.

### SPECIFICATIONS

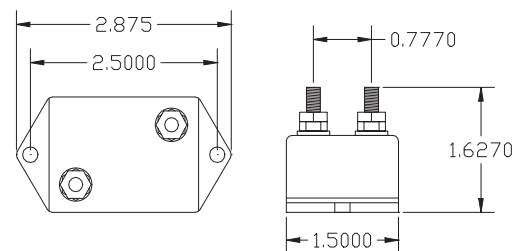
Peak Surge Current, 8 x 20us.....	*20KA
Repetitive Peak Surge Current, 8 x 20us.....	*20KA
Peak Surge Voltage @ 10KA, 8 x 20us.....	650 Volts
Energy.....	270 Joules
Power Dissipation.....	1.5 Watts (max.)
Continuous AC Voltage.....	130VAC
Peak Voltage @ 1ma.....	212 Volts
Typical Capacitance.....	4000 pF
Connections.....	stud (#10-32)
Operating Temperature.....	-40°C to +85°C
Follow Current.....	none

\*The 8 x 20us waveform is a standard test waveform.

### FEATURES

- No Follow Current
- 5 Nanosecond Response Time
- 20KA Capability (8 x 20 us)
- Automatic Recovery
- 120 VAC, 60 AMP Service
- Encapsulated
- Flame Retardant Epoxy
- Long Life
- Compact in Size

### MOUNTING



**HESCO/RLS**  
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**For more information and product support call us at...**

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