

## TRAFFIC CONTROL / AC SERVICE

# HE100A



### DESCRIPTION

The HE100A is a fully encapsulated, solid state arrester used for medium duty protection of a 120 VAC power line. The HE100A is a stand alone device suitable for use in either exposed or protected environments. With no follow through current, the HE100A can repeatedly dissipate 20kA (8x 20uS) surges and immediately self-restore, ready to protect against the next surge.

### SPECIFICATIONS

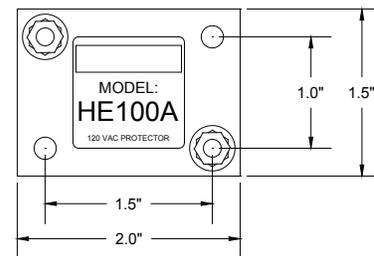
Peak Surge Current, 8 x 20us.....	*20KA
Repetitive Peak Surge Current, 8 x 20us.....	*20KA
Peak Surge Voltage @ 10KA, 8 x 20us.....	650Volts
Energy.....	270 Joules
Power Dissipation.....	1.5 Watts (max.)
Continuous AC Voltage.....	130VAC
Peak Voltage @ 1ma.....	212 Volts
Typical Capacitance.....	4000pF
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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