

TRAFFIC CONTROL / INTERCONNECT / DATA LINE

HE30 SERIES



DESCRIPTION

The HE30 Series is a two-stage, hybrid surge suppressor designed for use on data or communication circuits where surges of 10KA (8 x 20uS) or less are anticipated. This device will provide continuous and reliable protection for all of your sensitive electronics.

The #10 stud is used for mounting HE30 and serves as the grounding mechanism to ensure proper grounding of the internal protection scheme. Care should be taken to provide a clean, conductive surface that is bonded to earth ground and mounted as close as possible to the lines to be protected.

The HE30A is a polarized unit designed to be used on low voltage DC signal lines. This unit has a black and black/red color-coded input pair, with a white and white/red output pair.

The HE30C is a non-polarized unit designed for use on low voltage DC signal lines. This unit has a black and black/red color-coded input pair, with a white and white/red output pair.

The standard HE30 second stage clamp is from each line to ground (A) except in cases where the ground potential may vary. In this case, a line-to-line second stage clamp would be preferred.

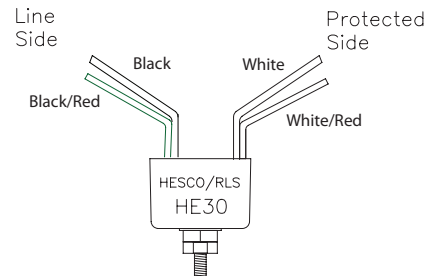
SPECIFICATIONS

Peak Surge Current	
8 x 20us.....	10KA
Occurrences.....	100 typical @ 2KA
Response Time.....	<1nS
Voltage Clamp.....	8, 12, 20, 30 or special
Series Impedance.....	1.29 Ohms
Energy.....	250 Joules
Continuous Current.....	100mA max.
Operating Temperature.....	-40°C to +85°C
Weight.....	1.7 Oz.
Dimensions (In.).....	1" x 1" x .75"
Mounting.....	Stud #10-32 x 3/8"

FEATURES

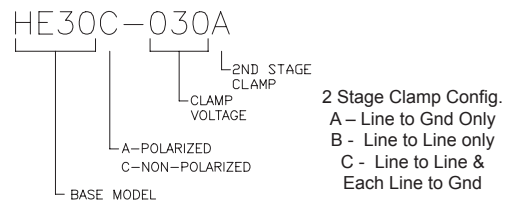
- Lightning Protection for Balanced Low Voltage Signal Lines
- Common and Differential Mode
- Two-Stage Protection
- Installs Easily
- Self Restores
- Fast Response Time
- Flame Retardant Epoxy Encapsulated
- Selectable Clamp Voltages
- Compact In Size

INSTALLATION



ORDERING INFORMATION

The HE30 Series suppressor part numbers consist of four major parts. These are the model, polarity, voltage and second stage clamp configuration. Be sure to specify all four requirements when placing orders.



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

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

1-800-547-4868