

Surge Suppression System



EH Series

Features

- All mode Protection (L-N, L-G, N-G, L-L)
- Redundant Protection per mode
- 200 KAIC Surge Rated Fuses
- Thermally Protected MOVs for maximum safety
- Fault Current Tested to 200 KAIC
- EMI/RFI Filtration – 20 to 30 dB from 20 kHz to 100 MHz
- cETLus Listed to UL1449, 2nd Edition
- NEMA 3R Style Enclosure
- Pre-wired with 30" of #10 AWG wire leads
- 10 year product warranty

Integral Diagnostics

- LED Indicator Lights
- Intermatic Thermal Monitoring System

Intermatic Model	MCOV ¹	Surge Current Capacity (8 x 20 usec) (per mode) ²				Per Phase ³	UL 1449 Clamping Voltage (SVR) 6 kV, 500 Amp (8 x 20 usec) ⁴			
		L-G	L-N	L-G	N-G		L-L	L-N	L-G	N-G
IG1201EH	120 VAC	Single Phase								
	115%	26 kA	26 kA	26 kA	—	52 kA	500 V	500 V	500 V	—
IG2401EH	120/240 VAC	Single Phase (split)								
	115%	26 kA	26 kA	26 kA	26 kA	52 kA	400 V	400 V	400 V	700 V
IG2083YEH	120/208 VAC	Three Phase Wye								
	115%	26 kA	26 kA	26 kA	26 kA	52 kA	400 V	400 V	400 V	700 V
IG2403DEH	120/240 VAC	Three Phase High Leg Delta								
	115%	26 kA	26 kA	26 kA	26 kA	52 kA	400 V / (700 V)	400 V / (700 V)	400 V	700 V
IG4803YEH	277/480 VAC	Three Phase Wye								
	115%	26 kA	26 kA	26 kA	26 kA	52 kA	800 V	800 V	400 V	1,500 V
IG4803DEH	480 VAC	Three Phase Delta								
	115%	—	52 kA	—	26 kA	78 kA	—	1,200 V	—	1,500 V

NOTES:

¹ MCOV is Maximum Continuous Operating Voltage expressed in percentage of nominal voltage.

² All surge currents listed above are independently tested and verified per NEMA LS-1.

³ Per Phase is defined as L-N + L-G for three phase 4-wire wye systems; L-G + L-L for three phase 3-wire delta systems.

⁴ Let-Through Voltage measured with 6 inch lead lengths per UL Standard 1449, 2nd Edition.



The EH Series is a hardwired suppression device (installed in parallel) and recommended for all ANSI/IEEE Category locations.

Dimensions:

7.5"H x 4.25"W x 4.0"D

Weight: 5.5 lbs.



Flush Mount Plate IG1FMP-H