

Surge Suppression System



The PG2500 Series is a hardwired suppression device (installed in parallel) and recommended for all ANSI/IEEE Category locations.
Dimensions:
 16.47"H x 10.59"W x 4.9"D
Weight: 28 lbs.



Flush Mount Plate IG1FMP-PG

PG2500 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
- Complementary Listed as Secondary Surge Arrester (OWHX,E135626)
- EMI/RFI Filtration – Up to 54 dB from 20 kHz to 100 MHz
- UL1449, 2nd Edition and UL1283 Listed, cULus
- NEMA 3R Style Enclosure
- Pre-wired with 40" of #10 AWG wire leads
- 10 year product warranty

Integral Diagnostics

- LED Indicator Lights for each mode
- Form C Contacts
- Audible Alarm

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			
Intermatic Model	MCOV ¹ L-G	L-N	L-G	N-G	L-L		L-N	L-G	N-G	L-L
IG2401SECA	120/240 VAC Single-Phase (Split)									
	115%	60 kA	60 kA	60 kA	60 kA	120 kA	400 V	400 V	330 V	600 V
IG2083YECA	120/208 VAC Three Phase Wye									
	115%	60 kA	60 kA	60 kA	60 kA	120 kA	400 V	400 V	330 V	600 V
IG2403DECA	120/240 VAC Three Phase High Leg Delta									
	115%	60 kA	60 kA	60 kA	60 kA	120 kA	400 V / (600 V)	400 V / (700 V)	330 V	700 V
IG4803YECA	277/480 VAC Three Phase Wye									
	115%	60 kA	60 kA	60 kA	60 kA	120 kA	800 V	800 V	400 V	1,500 V
IG4803DECA	480 VAC Three Phase Delta									
	115%	—	120 kA	—	60 kA	180 kA	—	1,500 V	—	1,200 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.