

RGPC HouseGuard

Home/Building Service Entrance AC Surge Protection
Non Sacrificial - Self Healing Technology
140,000 Amps Instant Surge protection

WHOLE HOUSE SURGE PROTECTION SYSTEM

The RGPC HouseGuard is designed to protect an entire Home/Building when installed at the Service Entrance of a 240V/120V AC power system.

The RGPC HouseGuard, utilizes Extreme Heavy Duty Patented Overvoltage components that offer, Pro, Reliable and Long lasting performance coupled with exceptional heat dissipating abilities and as such, is guaranteed for 10 years.

The HouseGuard is listed to UL 1449 3rd Edition and has superior protection values over anything currently in the market today. Indeed, the HouseGuard will respond in less than a nano second and protect your Home/Building from a surge of 140,000 Amps

The RGPC HouseGuard is the ONLY ONE in the industry that can be wired In – Line or Parallel with Heavy Duty Connections, and is designed to work with the PanelGuard 240/120 providing a complete Surge solution.

Features & Benefits

- Extreme Heavy Duty Surge Protection
- Monitoring and Alarming
- Indoors or Outdoors installation
- Heavy Duty Metallic enclosure
- Pro connections, accepts up to #6 AWG wire connections
- Indicator LED

Applications

- Protection from AC Power Induced Problems
- Protection from Lightning
- Protect Entire Home
- Protect Entire Building
- Power Loss Monitoring



Nominal (Operating) Voltage	240V/120V Split Phase
Max. Cont. Op. Voltage	150V
Frequency	50/60 HZ
Max. Surge Current (8/20us)	
NEMA LS-1 (L-G,N-G)	140 KA
Max. Lightning Current	
(10/350us) IEC 61643-1(L-G, N-G)	7.5 KA
Let through Voltage Level for 10KA surge current (8/20us) (L-G, N-G)	435V
Short Circuit Current Rating	100KAIC
Long Duration Surge Performance	
500A sq.wave 2ms IEEE C62.11	250 hits
Response time	< 1 ns
Modes of Protection (L1-G, L2-G, L1-L2)	All
Technology - 40mm suppression components in environmentally sealed aluminum housing	Yes
Indicator Lights	1 LED
Net weight	40 lbs
Dimensions (WHD)	8 x 10 x 7
Cooling	Convectional
Environmental Location/Protection (Heavy Duty Metallic Enclosure)	NEMA 4 – Ip 65
Operating Temperature	-40° C to 85° C
Wall Mounted	Yes
Warranty (parts and labor)	10 years

