

# 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 HouseGuard Basic 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              |

