

RGPC HouseGuard 3 Phase

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

Whole House 3 Phase Surge Protection System

The RGPC HouseGuard 3 Phase is designed to protect an entire Home/Building when installed at the Service Entrance of a 208V/120V Three Phase WYE AC power system. The RGPC HouseGuard 3 Phase, 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 3 Phase is listed to UL 1449 3rd Edition and has superior protection values over anything currently in the market today. Indeed, the HouseGuard 3 Phase will respond in less than a nano second and protect your Home/Building from a surge of 140,000 Amps.

The RGPC HouseGuard 3 Phase is the ONLY ONE in the industry that can be wired In - Line or Parallel with Heavy Duty Connections.

Features & Benefits

- Extreme Heavy Duty Surge Protection
- Monitoring and Alarming
- Indoors or Outdoors installation
- Heavy Duty Metallic enclosure
- Pro connections, accepts up to #2 AWG wire connections.

Applications

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



Nominal (Operating) Voltage	208V/120V Three Phase WYE
Max. Cont. Op. Voltage (L-G, N-G)	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, L3-G, L123-L123, N-G)	All modes
Technology - 40mm suppression components encased in environmentally sealed aluminum housing	
Indicator Lights	3 LED's
Net weight	40 lbs
Dimensions (WHD)	12 x 12 x 8
Cooling	Convexional
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

