



#### APPLICATIONS:

APPLIANCE

| ELECTRICAL

| HVAC/R

| MARINE

| POOL & SPA

| RV

## OVERVIEW

The Sentry 3N1 combines the benefits of an ICM517A-LITE single-phase surge protection device, and a ICM492D single-phase voltage monitor into one easy to install solution. It also provides techs and homeowners a convenient way to break the power using an onboard disconnect breaker.

The Sentry 3N1 protects against both power surges and over/under voltage issues that can cause damage to circuit boards and motors in residential and commercial single phase 208/240 VAC HVAC/R equipment.

\*All individual components are replaceable



## FEATURES & BENEFITS

- ✓ All Components pre-wired for 208/240 volts
- ✓ Modular design with field replaceable components
- ✓ Field programmable voltage monitor with an improved backlit digital display and 5-fault memory
- ✓ Protects against over and under voltage, and rapid short cycling caused by transient faults and power interruptions
- ✓ Separate 40amp contactor, fully disconnects from the service
- ✓ 40amp internal breaker allows for easy switching of power on and off
- ✓ Superior TMOV technology provides safe and reliable surge protection
- ✓ Built to withstand the high impact of a major surge event
- ✓ Proudly innovated and designed in the USA
- ✓ NEMA type 4X rating
- ✓ Flame Rating: UL94- 5VA
- ✓ Limited lifetime product warranty up to a 3-year \$25,000 connected equipment warranty
- ✓ UL Listed: ICM517A-LITE UL file number E347279
- ✓ UL Listed: ICM492D UL file number E53944

## SPECIFICATIONS

### Inputs:

- Line voltage: 208/240 VAC
- Frequency: 50/60 Hz
- Breaker: 40 amp at 240 VAC

### Outputs:

- Contactor: 40A FLA, 208/240VAC

### Surge Protection

- Maximum Surge Current: 60,000 amps
- NEMA Type 4X ultrasonically welded enclosure
- Diagnostics green LED light indicates surge suppression present
- Protection modes: L-L, L-G

### Voltage Monitor (Default Settings):

- Voltage set point: 240VAC
- Delay on Break (ASC): 15 seconds
- Over/under voltage setting: 5%
- Delay on Fault: 2 seconds
- Reset Mode: 0 (auto)
- Control Mode: OFF
- Language: English

## REPLACES

- RectorSeal: RSH-50VRM Kit-DC