



APPLICATIONS:

APPLIANCE | ELECTRICAL | HVAC/R | MARINE | POOL & SPA | RV

OVERVIEW

The Sentry 3N1 combines the benefits of an ICM517A single phase surge protection device, and a ICM492 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 Sentry3N1 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 backlit LCD display and 5-fault history
- ✓ Protects against over and under voltage, and rapid short cycling
- ✓ 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 Made in America
- ✓ NEMA type 4X Rating
- ✓ Limited lifetime product warranty up to a 3-year \$10,000 connected equipment warranty. Additional protected equipment warranty up to \$25,000 per occurrence (up to \$25,000 per purchaser) for the ICM517A only.
- ✓ UL Listed: ICM517A UL file number E347279
- ✓ UL Recognized: ICM492 UL file number E53944

REPLACES

- RectorSeal: RSH-50VRM Kit-DC



SPECIFICATIONS

ICM517A Surge Suppressor

- Maximum Surge Current: 100,000 amps
- Robust cast aluminum enclosure for secondary safety
- Diagnostics green LED light indicates surge suppression present
- Protection modes: L-L, L-G

ICM492 Voltage Monitor

User Adjustable settings:

- Voltage set point: 95-280 VAC (do not set above 240VAC)
- Anti-short cycle time delay: 0-720 seconds
- Over/under voltage setting: 5-25% (do not set above 5%)
- Response time: 0.1 to 10 seconds
- Accuracy: ±2%

Inputs:

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

- Type: Contactor
- 2-Pole contact ratings: 40A FLA, 240A LRA



Type of Document
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Revision History

Revision	Revised by	Which area or section of the document was changed?	Summary (List the change that was made within the document.)
A	PH	All	New document created, sell sheet for the Sentry3N1

LIT P/N	ICM P/N	Size	Created by	MKT Signoff	Date
LIS514	Sentry3N1	8.5X11	PH	PH	11/06/2024

ENG Signoff	Date	Agency Signoff	Date	DOC ID# / Revision	Date Added to DC

ELEC TECH Signoff	Date	BOM