



Scan to see a full specifications, installation and agency certification information.

APPLICATIONS:

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

OVERVIEW

The 3VMS combines the benefits of the ICM450A programmable 3-phase line voltage monitor and a ICM530 type 1 and type 2 three-phase Surge Protective Device into one easy to install solution.

The 3VMS protects against both power surges and over/under voltage issues that can cause damage to circuit boards and motors in residential and commercial three-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 a large fault history
- ✓ Protects against over and under voltage, phase loss, phase reversal, phase unbalance and rapid short cycling
- ✓ Separate 40amp Contactor, fully disconnects from the service
- ✓ Superior TMOV technology provides safe and reliable surge protection, up to 150 kA max surge event
- ✓ Built to withstand the high impact of a major surge event
- ✓ NEMA type 4X Rating
- ✓ Limited lifetime product warranty up to a 3-year \$10,000 connected equipment warranty.
- ✓ UL Listed: ICM450A UL file number E53944
- ✓ UL Listed: ICM530 UL file number E347279



SPECIFICATIONS

ICM530 Surge Protection Device

- Maximum Surge Current: 150,000 amps
- Diagnostic green LED light indicates surge protection present
- Protection modes: L-L, L-N
(L-N protection available only when Neutral is connected)

ICM450A 3-Phase Line Voltage Monitor

User Adjustable settings:

- Voltage set point: 208/240 VAC
(do not set above 240VAC)
- Delay on Fault: 0- 15 seconds
- Percent Unbalance: 2% - 20%
(do not set above 10%)
- Anti-short cycle time delay: 15 sec to 10 min
- Over/under voltage setting: 2-25%
(do not set above 5% when voltage set point is 240VAC)

Inputs:

- Line voltage: 208/240 VAC
- Frequency: 50/60 Hz

Outputs:

- Type: Relay, SPDT
- 2-Pole contact ratings: 40A, 208/240VAC

Content and specifications on sell sheets subject to change without notice.