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APPLICATIONS:

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

OVERVIEW

The ICM496-60A is a 60A non-fused electrical disconnect featuring a pre-wired, external, and replaceable surge protective device (SPD).

This model includes a Type 1 SPD designed for 240VAC split-phase applications. In the event of a surge, the ICM496-60A absorbs excess voltage up to its rated limits, helping protect connected equipment.

The ICM496-60A incorporates an external, thermally protected surge protective device (SPD), which safely disables itself if thermal limits are exceeded. The NEMA Type 3R enclosure makes the ICM496-60A suitable for both indoor and outdoor installations. The ICM496-60A is rated for use on circuits delivering up to 10kA RMS symmetrical current at 240VAC maximum.



FEATURES

- ✓ Split phase, 240 VAC
- ✓ Features a replaceable, external surge protective device
- ✓ Incorporates Gas Discharge Tube (GDT) and high quality TMOV technology to aid in suppression of fast acting transient surges
- ✓ Maximum Surge Current Rating of 50kA (I_{max} 25kA per phase)
- ✓ High nominal discharge current (In 10kA), for increased longevity & durability of the SPD
- ✓ Completely factory wired for quick and easy installation
- ✓ Designed to support compliance with NEC Article 230.67, Surge Protection and NEC Article 440.11, Air-Conditioning and Refrigerating Equipment Disconnecting Means
- ✓ NEMA type 3R rated powder coated metal enclosure for indoor/outdoor use
- ✓ Fully accessible mounting holes, no disassembling required
- ✓ Limited lifetime product, 3-year connected equipment warranty

SPECIFICATIONS

INPUT:

- **Voltage:** Split phase 240 VAC
- **Frequency:** 50/60Hz

CONTACT RATINGS:

- **Voltage:** 120/240 VAC
- **FLA:** 60A

MECHANICAL:

- **Mounting:** Four mounting holes in back of enclosure
- **Diagnostics:** Green LED indicator light on SPD confirms when surge protection is operational
- **Enclosure:** NEMA Type 3R metal enclosure for outdoor and indoor installation
- **Dimensions:** 10.94"L X 5.44"W X 2.44"H

PARAMETERS:

- **Nominal discharge current (In):** 10kA
- **Short Circuit Current Rating (SCCR):** 200kA
- **Protection mode:** L-L, L-G
- **Maximum Continuous Operation Voltage (MCOV):**
 - L-L: 320 VAC • L-G: 150 VAC
- **VPR:**
 - L-L: 1500 VAC • L-G: 900 VAC
- **SPD type:** Type 1
- **Surge protection technology:** Thermally Protected Metal Oxide Varistor (TMOV) and Gas Discharge Tube (GDT)

REPLACES

- **MARS:** 83915
- **RectorSeal:** RSH-50 96419
- **ICM Controls:** ICM495-60A

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