



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

APPLICATIONS:

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

OVERVIEW

The ICM497 is a next-generation HVAC disconnect that integrates two critical code-driven protections into a single, contractor-friendly solution. Designed with NEC compliance in mind, the ICM497 incorporates an external surge protective device to help meet compliance of NEC 230.67/Article 242. The ICM497 also includes a dedicated, independently wired GFCI receptacle that supports compliance with NEC 210.63, which requires a service outlet within 25 feet of HVAC equipment. By keeping the GFCI on its own circuit, the ICM497 allows technicians to safely power tools even when the disconnect is pulled, improving serviceability without compromising safety.

Ideal for new construction and system upgrades, the ICM497 helps contractors meet evolving electrical codes while adding convenience and protection in one compact package.



Green LED indicates protection status



FEATURES

- ✓ Features a replaceable, external surge protective device
- ✓ Equipped with GFCI, allowing technicians to safely power tools and service equipment when the disconnect has been pulled
- ✓ Incorporates Gas Discharge Tube (GDT) and high quality TMOV technology to aid in suppression of fast acting transient surges
- ✓ Designed to support compliance with NEC Article 230.67, Surge Protection and NEC Article 440.11, Air-Conditioning and Refrigerating Equipment Disconnecting Means
- ✓ Factory wired for quick and easy installation
- ✓ 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

REPLACES

- **MARS:** 83308, 83309, 83345, 83395

SPECIFICATIONS

INPUT:

- **Voltage:** Split phase 240 VAC
- **Frequency:** 50/60Hz
- **Pull-out Disconnect Switch:** 60A @ 240 VAC Max.
- **GFCI:** 20A @ 125 VAC
 - Tamper and weather resistant

MECHANICAL:

- **Mounting:** Four mounting holes in back of enclosure
- **Enclosure:** NEMA Type 3R metal enclosure for outdoor and indoor installation
- **Dimensions:** 9.12"L X 5.50"W X 4.81"H

PARAMETERS:

- **Nominal discharge current (In):** 10kA
- **Short Circuit Current Rating (SCCR):** 200kA
- **Maximum surge current rating:** 50kA (I_{max} 25kA per phase)
- **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)

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