



APPLICATIONS:

APPLIANCE

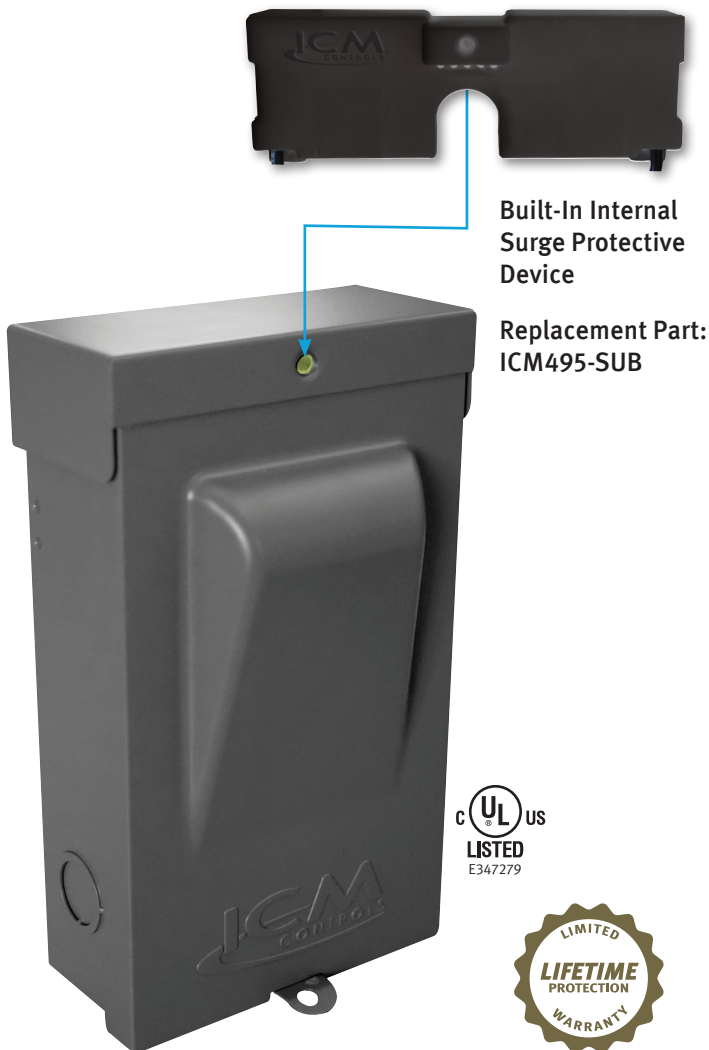
ELECTRICAL

HVAC/R

MARINE

POOL & SPA

RV



OVERVIEW

The **ICM495** is a UL Listed Electrical Disconnect with an Internal Surge Protective Device built-in. The ICM495 is available in two models 30A Fused and 60A Non Fused.

The included field replaceable Type 2 SPD is intended for 240 VAC Split Phase configurations. When a surge occurs, the ICM495 will absorb the surge up to the limits expressed in the specifications section in this guide. The ICM495 incorporates thermal protection on the surge elements (TMOV's) which allows for safe disabling of the surge elements when a surge exceeds the thermal limits of the device. The ICM495 has a status light on the control which identifies operational status when illuminated. The ICM495 can be installed as a Type 2 device for both indoor and outdoor applications. Suitable for use on a circuit capable of delivering not more than 10kA RMS symmetrical amperes, 240V maximum.

FEATURES

- ✓ UL Listed Electrical Disconnect including both enclosure & surge protector
- ✓ 120VAC single-phase, 240VAC split-phase
- ✓ Features an internal field replaceable surge protective device (SPD)
- ✓ Maximum Surge Current Rating of 100kA
- ✓ Highest UL rating for nominal discharge current (In 20kA), for increased longevity & durability of the SPD
- ✓ Constructed with 2 high-quality thermally protected MOV's (TMOV)
- ✓ Completely factory wired for quick and easy installation
- ✓ NEMA type 3R rated powder coated metal enclosure for indoor/outdoor use
- ✓ Fully accessible mounting holes, no dissembling required
- ✓ Braided strap thoroughly grounding both the enclosure and cover
- ✓ LED indicator light showing when Surge Protection is operational
- ✓ 30A Fused & 60A non-fused models available
- ✓ Made in the USA
- ✓ Limited lifetime product, 3-year \$10,000 connected equipment warranty

SPECIFICATIONS

INPUT:

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

CONTACT RATINGS:

- **Voltage:** 240 VAC
- **FLA:** 30A/60A (depending on model)
- **LRA:** 360A

MECHANICAL:

- **Mounting:** Four mounting holes in back of enclosure
- **Diagnostics:** Green LED indicates surge protection present
- **Enclosure:** NEMA Type 3R metal enclosure for outdoor and indoor installation

PARAMETERS:

- **Short Circuit Current Rating (SCCR):** 10kA
- **Nominal discharge current (In):** 20kA
- **Protection mode:** L1-L2, L1-N, L2-N
- **Maximum Continuous Operation Voltage (MCOV):**
 - L-L: 300 VAC • L-N: 150 VAC
- **VPR:**
 - L-L: 1200 VAC • L-N: 700 VAC
- **SPD type:** Type 2
- **Surge protection technology:** TMOV

REPLACES

- All standard disconnect boxes rated for equal voltage and current configurations
- **30A – MARS:** 83916, **RectorSeal:** RSH-50 96417
- **60A – MARS:** 83915, **RectorSeal:** RSH-50 96419

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