



### APPLICATIONS:

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

## FEATURES

- ✓ NEMA Type 4X watertight plastic enclosure for outdoor and indoor installation
- ✓ Green LED indicates surge protection present
- ✓ Easily connects to electrical panel or disconnect for indoor and outdoor applications
- ✓ UL Listed Type 1 or Type 2 SPD
- ✓ Dimensions: 4.30" x 4.10" x 2.30"

## OVERVIEW

**THE ICM530'S** are a series of Type 1 and Type 2 three-phase surge protective devices for three-phase Delta, three-phase Wye, or Delta High-leg configurations. When a surge occurs, the ICM three-phase surge protective device will absorb the surge up to the specified limitations of the device.

ICM incorporates superior thermally protected metal oxide varistor technology into the three-phase surge suppressors, which allows for safe disabling of the surge elements when a surge exceeds the thermal limits of the device. There is a single status light on the controls which identifies operational status when illuminated.

The ICM 3-phase surge protective device can be installed as a Type 1 or Type 2 device for both indoor and outdoor applications.



### ICM530 (DELTA OR WYE CONFIGURATION)

- **Service voltage (3-phase):** 240 VAC Delta or 120/208 VAC Wye
- **Short Circuit Current Rating (SCCR):** 200 kA
- **Nominal discharge current (In):** 20kA
- **Protection mode:**
  - 3 for Delta configuration
  - 6 for Wye configuration (neutral tied to ground)
- **Maximum Continuous Operation Voltage (MCOV):**
  - L-L: 300 VAC
  - L-N: (for Wye configuration only): 150 VAC
- **VPR:**
  - Delta L-L: 1200 VAC
  - Wye L-L: 1200 VAC
  - Wye L-N: 700 VAC
- **SPD type:** Type 1 (can also be used in Type 2 applications)
- **Surge protection technology:** TFMov
- **Input power frequency:** 50/60 Hz



### ICM531 (DELTA OR WYE CONFIGURATION)

- **Service voltage (3-phase):** 480 VAC Delta or 277/480 VAC Wye
- **Short Circuit Current Rating (SCCR):** 200 kA
- **Nominal discharge current (In):** 20kA
- **Protection mode:**
  - 3 for Delta configuration
  - 6 for Wye configuration (neutral tied to ground)
- **Maximum Continuous Operation Voltage (MCOV):**
  - L-L: 700 VAC
  - L-N: (for Wye configuration only): 350 VAC
- **VPR:**
  - Delta L-L: 2500 VAC
  - Wye L-L: 2500 VAC
  - Wye L-N: 1200 VAC
- **SPD type:** Type 1 (can also be used in Type 2 applications)
- **Surge protection technology:** TFMov
- **Input power frequency:** 50/60 Hz



### ICM532 (DELTA OR WYE CONFIGURATION)

- **Service voltage (3-phase):** 600 VAC Delta or 347/600 VAC Wye
- **Short Circuit Current Rating (SCCR):** 200 kA
- **Nominal discharge current (In):** 20kA
- **Protection mode:**
  - 3 for Delta configuration
  - 6 for Wye configuration (neutral tied to ground)
- **Maximum Continuous Operation Voltage (MCOV):**
  - L-L: 920 VAC
  - L-N: (for Wye configuration only): 460 VAC
- **VPR:**
  - Delta L-L: 2500 VAC
  - Wye L-L: 2500 VAC
  - Wye L-N: 1500 VAC
- **SPD type:** Type 1 (can also be used in Type 2 applications)
- **Surge protection technology:** TFMov
- **Input power frequency:** 50/60 Hz



### ICM533 (DELTA HIGH-LEG CONFIGURATION)

- **Service voltage (3-phase):** 120/240 VAC Delta High-Leg
- **Short Circuit Current Rating (SCCR):** 200 kA
- **Nominal discharge current (In):** 20kA
- **Protection mode:** 3 for Delta configuration
- **Maximum Continuous Operation Voltage (MCOV):**
  - L-L: 300 VAC
  - L-N: 150 VAC
  - H-L: 450 VAC
  - L-N: 300 VAC
- **VPR:**
  - L-L: 1200 VAC
  - L-N: 700 VAC
  - H-L: 1500 VAC
  - H-N: 900 VAC
- **SPD type:** Type 1 (can also be used in Type 2 applications)
- **Surge protection technology:** TFMov
- **Input power frequency:** 50/60 Hz