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information.

**APPLICATIONS:** APPLIANCE / ELECTRICAL / HVAC/R / MARINE / POOL & SPA / RV

## FEATURES

- ✓ **Maximum Surge Current Capacity:** 150 kA
- ✓ 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
- Maximum surge current: 150 kA

### 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
- Maximum surge current: 150 kA

### 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
- Maximum surge current: 150 kA

### 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-H: 150 VAC
  - H-H: 300 VAC
- VPR:
  - L-L: 1200 VAC
  - H-L: 1500 VAC
  - H-H: 900 VAC
- SPD type: Type 1 (can also be used in Type 2 applications)
- Surge protection technology: TFMov
- Input power frequency: 50/60 Hz
- Maximum surge current: 150 kA

## REPLACES

- ABB: OVRHLDxx-120
- ASCO: 420120Y, 420240D
- Eaton: SP1-208Y, SP1-240D, SP2-208Y, SP2-240D
- ERICO (Critec): TDX50C120/208, TDX50C120/240D
- Intermatic: AG2083C3, L5F13Y1DG1
- Leviton: 55208-ASA
- Siemens: TPS3D, TPS3C
- Square D: SDSA2040, SDSA2040D

## REPLACES

- ABB: OVRHLDxx-277
- ASCO: 420277Y, 420480D
- Eaton: SP1-480Y, SP1-480D, SP2-480Y, SP2-480D
- ERICO (Critec): TDX50C277/480
- Intermatic: AG4803C3, L5F13Y2DG1
- Leviton: 55480-ASA
- Siemens: TPS3E, TPS3F
- Square D: SDSA2040, SDSA2040D

## REPLACES

- ASCO: 420347Y, 420600D
- Eaton: SP1-600Y, SP1-600D, AP2-600Y
- ERICO (Critec): TDX50C347/600
- Intermatic: AG6503, L5F13Y3DG1
- Siemens: TPS3L, TPS3G
- Square D: SDSA3650, SDSA3650D

## REPLACES

- ASCO: 420240H
- Eaton: SPD050240H1
- Intermatic: AG2403C3, L5F13D1DG1
- Siemens: TPS3B
- Square D: SDSA2040D

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