



APPLICATIONS:

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



OVERVIEW

The **ICM530, ICM531, ICM532 & ICM533** are a series of Type 1 and Type 2 three-phase surge protective devices for three-phase Delta and three-phase Wye 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.

REPLACES

- **ASCO:** 420347Y, 420600D
- **Eaton:** SP1-600Y, SP1-600D, SP2-600Y
- **ERICO (Critec):** TDX50C347/600
- **Intermatic:** AG6503, L5F13Y3DG1
- **Siemens:** TPS3L, TPS3G
- **Square D:** SDSA3650, SDSA3650D

FEATURES

- ✓ **Maximum Surge Current Capacity:** 150 kA
- ✓ Delta or Wye configuration
- ✓ 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
- ✓ Limited lifetime product, up to a 3-year \$10,000 connected equipment warranty

SPECIFICATIONS

- **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