



### APPLICATIONS:

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



### REPLACES

- **ASCO:** 420120S
- **Eaton:** SP1-240S, SP2-240S
- **ERICO (Critec):** TDX50C240
- **Generac:** G0073000
- **Intermatic:** AG2401C3, IG1200RC3, IG1240RC3, IG3240RC3
- **Leviton:** 55240-ASA
- **MARS:** 83905
- **Siemens:** TPS3A

### FEATURES

- ✓ 240 VAC split phase surge protective device
- ✓ Easy 3-wire installation
- ✓ 3/4" conduit connection
- ✓ Green LED indicator tells whether the device is operational
- ✓ Low cost, high performance
- ✓ Rugged and reliable
- ✓ UL Listed Type 1 or Type 2 SPD
- ✓ NEMA Type 4X watertight enclosure for indoor/outdoor use
- ✓ Surge protection technology: Thermally protected MOVs (TFMOV)
- ✓ Maximum Surge Current: 100 kA
- ✓ Limited lifetime product, up to a 3-year \$10,000 connected equipment warranty

### OVERVIEW

The **ICM518** is a UL Listed Type 1&2 Surge protective device for 240 VAC Split Phase configuration. When a surge occurs, the ICM518 will absorb the surge up to the limits expressed in the specifications section of this guide.

The **ICM518** incorporates thermal protection on the surge elements (TMOV's) which allows for safe disabling of the surge protector when a surge exceeds the thermal limits of the device. A status light on the **ICM518** identifies proper operational status when illuminated. The **ICM518** can be installed as a Type 1 or Type 2 device for both indoor and outdoor applications.

### SPECIFICATIONS

- **Service voltage:** Split phase 240 VAC
- **Short Circuit Current Rating (SCCR):** 200 kA
- **Maximum Surge Current:** 100 kA
- **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 1 (can also be used in Type 2 applications)
- **Surge protection technology:** TFMOV
- **Input power frequency:** 50/60 Hz

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