

## Surge Protection Device - Surge Protective Device, 6-Mode, 120/240 VAC 1Ph, Type 1 or Type 2, Outdoor Plastic, Connected Equipment Warranty 5 yr \$10,000

Item IG1240RC3



### PRODUCT DESCRIPTION

The IG Series Surge Protective Devices (SPD) are designed for a variety of applications. A green LED indicator provides status of protection. Trusted, state-of-the-art TPMOV® (Thermally Protected Metal Oxide Varistor) surge protection technology eliminates the potentially hazardous failure modes that are commonly associated with standard MOV technology. Type 1 applications include outdoor installations before service entrances and utility meter cabinets. Type 2 applications include installations after service entrances. CSA certified to ANSI/UL 1449, 3rd Edition.

### FEATURES

- ▶ Six modes of surge protection
- ▶ TPMOV® surge protection technology
- ▶ Green LED indicator provides status of protection
- ▶ Type 3R rainproof enclosure for indoor/outdoor applications in plastic
- ▶ 5-year product warranty
- ▶ \$10,000 connected equipment warranty on appliances and electronics
- ▶ CSA certified to ANSI/UL 1449 3rd edition

### APPLICATIONS

- ▶ Whole Home Protection

### TECHNICAL DATA

| General                                     |                                                                                                                                 |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Model Number                                | IG1240RC3                                                                                                                       |
| Description                                 | Surge Protective Device, 6-Mode, 120/240 VAC 1Ph, Type 1 or Type 2, Outdoor Plastic, Connected Equipment Warranty 5 yr \$10,000 |
| UPC Code                                    | 078275124394                                                                                                                    |
| Brand                                       | Intermatic                                                                                                                      |
| Country of Origin (Intermatic)              | MEXICO                                                                                                                          |
| Warranty Period                             | 5-Year limited                                                                                                                  |
| Connected Equipment Warranty Period         | 5-Year limited                                                                                                                  |
| Connected Equipment Warranty Coverage (USD) | 10000                                                                                                                           |

| Electrical Specifications                  |                                        |
|--------------------------------------------|----------------------------------------|
| Modes of Protection                        | 6 (L1-N, L2-N, L1-G, L2-G, N-G, L1-L2) |
| Short Circuit Current Rating               | 100 kA                                 |
| Nominal Discharge Current                  | 20 kA                                  |
| Maximum Surge Current Rating Per Phase     | 50 kA                                  |
| Surge Protection Technology                | TPMOV®                                 |
| Maximum Continuous Operating Voltage (L-G) | 300                                    |
| Maximum Continuous Operating Voltage (L-L) | 300                                    |
| Maximum Continuous Operating Voltage (L-N) | 150                                    |
| Maximum Continuous Operating Voltage (N-G) | 150                                    |
| Voltage Protection Rating (L-G)            | 1200                                   |
| Voltage Protection Rating (L-L)            | 1200                                   |
| Voltage Protection Rating (L-N)            | 700                                    |
| Voltage Protection Rating (N-G)            | 700                                    |

|         |                          |
|---------|--------------------------|
| Phase   | Single                   |
| Voltage | 120/240 VAC Single-Phase |

**Control Specifications**

|                                |       |
|--------------------------------|-------|
| Surge Protection Type          | 1; 2  |
| Surge Protection LED Indicator | Green |

**Mechanical Specifications**

|                      |                         |
|----------------------|-------------------------|
| Number of Wire Leads | 4                       |
| Enclosure Type       | Outdoor type 3R plastic |

**Dimensions**

|                                   |                             |
|-----------------------------------|-----------------------------|
| Product Dimensions (H x W x D) in | 4 3/16 x 4 3/16 x 3 7/16 in |
| Wire Lead Length (in)             | 30                          |
| Wire Size Max                     | #12 AWG, Tinned Copper      |

**Packaging**

|                                       |                          |
|---------------------------------------|--------------------------|
| Unit Carton Dimensions (H x W x L) in | 7.501 x 3.751 x 6.251 in |
|---------------------------------------|--------------------------|

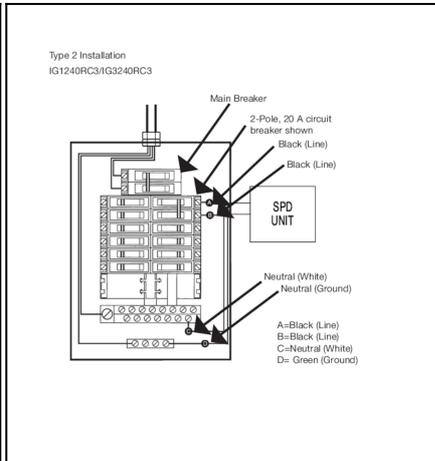
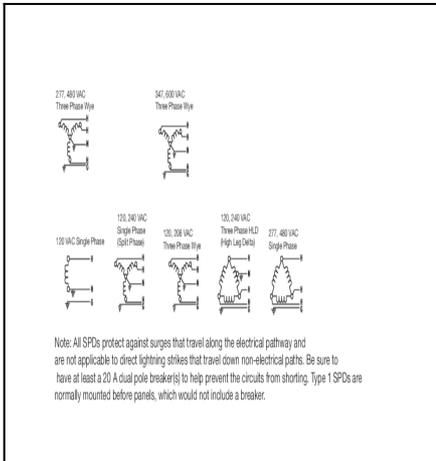
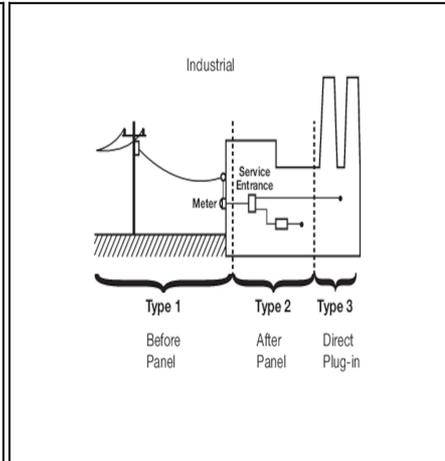
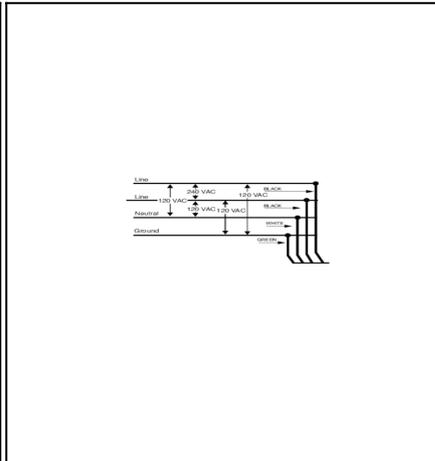
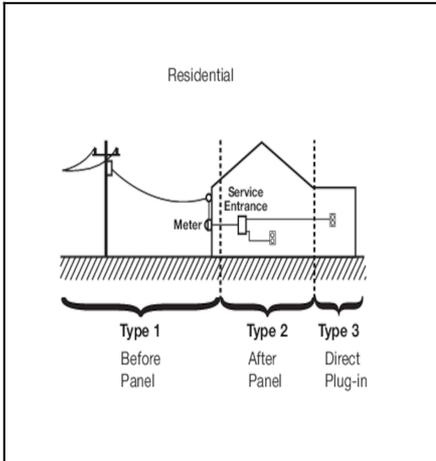
**Environmental Specifications**

|                         |                                      |
|-------------------------|--------------------------------------|
| Temperature (operation) | -31 °F to 185 °F / (-35 °C to 85 °C) |
|-------------------------|--------------------------------------|

**Standards and Certifications**

|                           |                                      |
|---------------------------|--------------------------------------|
| CSA Certification         | cCSAus SPD Type 1; cCSAus SPD Type 2 |
| UL Standard               | Ansi/UL 1449 3rd Edition             |
| California Proposition 65 | DEHP                                 |

## DRAWINGS AND DIAGRAMS



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## ACCESSORIES



IG1240FMP33

Flush Mount Kit for IG1200RC3 and IG1240RC3