

Surge Protection Device - Surge Protective Device, 6-Mode, 120/240 VAC 1Ph, Type 2, Outdoor Metal, Connected Equipment Warranty 10 yr \$25,000

Item IG2280-OM



PRODUCT DESCRIPTION

Intermatic's SMART GUARD® provides coverage of your customer's big investment equipment, from appliances and computers to HVAC equipment and TVs. This innovative Surge Protective Device uses IMODULE® with LED lights for quick and easy status indication. A blue light indicates the Surge Protective Device unit is ON and a green light indicates surge protection is active. 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. UL Listed to ANSI/UL 1449, 4th Edition.

FEATURES

- ▶ Six Modes of protection
- ▶ TPMOV® surge protection technology
- ▶ Includes three IMODULES with LED power and protection status lights
- ▶ IMODULES replace quickly and easily, eliminating the need to install a new SPD unit
- ▶ Tamper-proof IMODULE doors, will only open when IMODULE is being inserted
- ▶ Type 3R Rainproof Enclosure for indoor/outdoor applications in metal
- ▶ 10-year product warranty
- ▶ \$25,000 connected equipment warranty for 10 years on appliances and electronics
- ▶ UL certified to ANSI/UL 1449 4th edition

APPLICATIONS

- ▶ Whole Home Protection

TECHNICAL DATA

| General | |
|---|--|
| Model Number | IG2280-OM |
| Description | Surge Protective Device, 6-Mode, 120/240 VAC 1Ph, Type 2, Outdoor Metal, Connected Equipment Warranty 10 yr \$25,000 |
| UPC Code | 078275146129 |
| Brand | Intermatic |
| Country of Origin (Intermatic) | MEXICO |
| Warranty Period | 10-Year limited (Base) 3-Year limited (Modules) |
| Connected Equipment Warranty Period | 10-Year limited |
| Connected Equipment Warranty Coverage (USD) | 25000 |

| 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) | 1500 |

| | |
|---------------------------------|--------------------------|
| Voltage Protection Rating (L-L) | 1200 |
| Voltage Protection Rating (L-N) | 800 |
| Voltage Protection Rating (N-G) | 700 |
| Phase | Single |
| Voltage | 120/240 VAC Single-Phase |

Control Specifications

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

Mechanical Specifications

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

Dimensions

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|-----------------------|------------------------|
| Wire Lead Length (in) | 18 |
| Wire Size Max | #10 AWG, Tinned Copper |

Packaging

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|---------------------------------------|-------------------------|
| Shipping Weight (lbs) | 6 |
| Unit Carton Dimensions (H x W x L) in | 8.75 x 4.375 x 7.125 in |

Environmental Specifications

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

Standards and Certifications

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|---------------------------|--------------------------|
| UL Certification | cULus |
| UL Standard | Ansi/UL 1449 3rd Edition |
| California Proposition 65 | DEHP |

DRAWINGS AND DIAGRAMS



