

Surge Protection Device - Surge Protective Device, 3-Mode, 120/240 VAC 1Ph, Type 1 or Type 2, Outdoor, Connected Equipment Warranty 3yr \$7,500

Item AG3000



PRODUCT DESCRIPTION

Power surges are the silent killer for home appliances and HVAC equipment. Most homeowners protect their electronics, but leave more valued equipment unprotected. Surges can wipe out equipment and leave you searching for answers. Search no more. The easy-to-install AG3000 Surge Protective Device (SPD) is the perfect add-on for HVAC equipment. A green LED indicator will be on when the SPD is operating correctly. A red LED indicator will be on when protection is diminished and the SPD needs to be replaced. Trusted, state-of-the-art TPMOV® (Thermally Protected Metal Oxide Varistor) technology eliminates the potentially hazardous failure modes that are commonly associated with standard MOV technology. UL Listed to ANSI/UL 1449, 5th Edition.

FEATURES

- ▶ Three modes of protection: L-G, L-L, L-N
- ▶ TPMOV® surge protection technology
- ▶ LED Indicators. Green: unit operating correctly Red: protection diminished, replace unit.
- ▶ Type 4X watertight and UV resistant plastic enclosure
- ▶ 3-year product warranty
- ▶ \$7,500 connected equipment warranty for 3 years
- ▶ UL certified to ANSI/UL 1449 5th edition

APPLICATIONS

- ▶ Distribution Panel
- ▶ Service Entrance
- ▶ HVAC Equipment Protection

TECHNICAL DATA

| General | |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Model Number | AG3000 |
| Description | Surge Protective Device, 3-Mode, 120/240 VAC 1Ph, Type 1 or Type 2, Outdoor, Connected Equipment Warranty 3yr \$7,500 |
| UPC Code | 078275130678 |
| Brand | Intermatic |
| Country of Origin (Intermatic) | MEXICO |
| Warranty Period | 3-Year limited |
| Connected Equipment Warranty Period | 3-Year limited |
| Connected Equipment Warranty Coverage (USD) | 7500 |
| Electrical Specifications | |
| Modes of Protection | 3 (L1-N, L2-N, 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) | 150 |
| Maximum Continuous Operating Voltage (L-L) | 300 |
| Maximum Continuous Operating Voltage (L1-N/G) | 150 |
| Voltage Protection Rating (L-L) | 1200 |
| Voltage Protection Rating (L1-N/G) | 700 |
| Phase | Single |

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

Control Specifications

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

Mechanical Specifications

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|----------------------|------------------------|
| Number of Wire Leads | 3 |
| Enclosure Type | Indoor/outdoor type 4X |

Dimensions

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|-----------------------------------|--------------------------|
| Product Dimensions (H x W x D) in | 3.875 x 1.625 x 4.188 in |
| Wire Lead Length (in) | 18 |
| Wire Size Max | #10 AWG, Tinned Copper |

Material Specifications

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|-------|-------|
| Color | Clear |
|-------|-------|

Packaging

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|---------------------------------------|-------------------|
| Shipping Weight (lbs) | 0.65 |
| Unit Carton Dimensions (H x W x L) in | 4.5 x 2 x 4.25 in |

Environmental Specifications

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|-------------------------|--------------------------------------|
| Temperature (operation) | -40 °F to 158 °F / (-40 °C to 70 °C) |
|-------------------------|--------------------------------------|

Standards and Certifications

| | |
|------------------------------------------|--------------------------|
| UL Certification | cULus |
| Other Certifications and Compatibilities | HVACR; Green Energy |
| UL Standard | ANSI/UL 1449 5th Edition |
| California Proposition 65 | DEHP |
| RoHS Certification | N/A |