

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 SPD uses IMODULE™ with LED lights for quick and easy indication when protection has been compromised. A blue light indicates the SPD 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 Consumable Modules with LED power and protection status lights
- lacktriangledown Consumable Modules replace quickly and easily, eliminating the need to install a new SPD unit
- ► Tamper-proof Consumable Module doors, will only open when Consumable Module 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	IG2280-0M
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
Surge Protection Type	2

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

Surge Protection LED Indicator Blue; Green

Mechanical Specifications

Number of Wire Leads

Enclosure Type Outdoor type 3R metal

Dimensions

Wire Lead Length (in)

Wire Size Max #10 AWG, Tinned Copper

Packaging

Shipping Weight (lbs) 6

Unit Carton Dimensions (H x W x L) in 8.75 x 4.375 x 7.125 in

Environmental Specifications

Temperature (operation) $-31 \,^{\circ}\text{F to } 185 \,^{\circ}\text{F} / (-35 \,^{\circ}\text{C to } 85 \,^{\circ}\text{C})$

Standards and Certifications

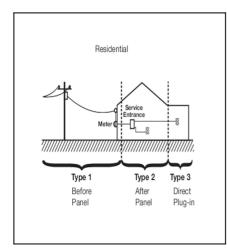
UL Certification cULus

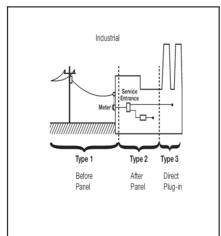
UL Standard Ansi/UL 1449 3rd Edition

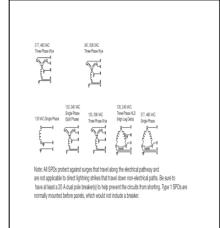
California Proposition 65 DEHP



DRAWINGS AND DIAGRAMS









ACCESSORIES



IG120RSM20

Replacement IModule™ for IG2280 Series