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

Item IG2280-IM



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, 5th 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 1 Enclosure for indoor 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 5th edition.

APPLICATIONS

- Whole Home Protection

TECHNICAL DATA

General	
Model Number	IG2280-IM
Description	Surge Protective Device, 6-Mode, 120/240 VAC, 1Ph Type 2, Indoor Metal, Connected Equipment Warranty 10 yr $25,000
UPC Code	078275146112
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	
Surge Protection Type	2
Surge Protection LED Indicator	Blue; Green

Mechanical Specifications	
Number of Wire Leads	4
Enclosure Type	Indoor type 1 metal

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

Material Specifications	
Color	Black

Packaging	
Shipping Weight (lbs)	6.29
Unit Carton Dimensions (H x W x L) in	10 x 3.75 x 7.375 in

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

Standards and Certifications	
UL Certification	cULus
Other Certifications and Compatibilities	Green Energy +
UL Standard	ANSI/UL 1449 5th Edition
California Proposition 65	DEHP
RoHS Certification	N/A

ACCESSORIES



IG120RSM20
Replacement IMODULE® for IG2280 Series



IG2200-FMK
Flush Mount Kit for IG2240-IMSK and IG2280-IM