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

Item IG2240-IMSK

PRODUCT DESCRIPTION

Intermatic's SMART GUARD® Whole House Surge Protective Device provides coverage of your customer's big investment equipment, from appliances and computers, to HVAC equipment and TVs. This innovative Surge Protective Device uses the 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
- Module Power Switch, included on IG2240-IMSK, enables convenient disconnection of power at the SPD when replacing IMODULES
- 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
- $50,000 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	IG2240-IMSK
Description	Surge Protective Device, 6-Mode, 120/240 VAC 1Ph, Type 1 or Type 2, Indoor Metal, Connected Equipment Warranty 10yr
UPC Code	078275148697
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)	50000

Electrical Specifications	
Modes of Protection	6 (L1-N, L2-N, L1-G, L2-G, N-G, L1-L2)
Short Circuit Current Rating	10 kA
Nominal Discharge Current	10 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

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Voltage Protection Rating (L-G)	1500
Voltage Protection Rating (L-L)	1500
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	1; 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)	32
Wire Size Max	#10 AWG, Tinned Copper

Benefits	
Has Module Power Switch	Yes

Packaging	
Shipping Weight (lbs)	9.2
Unit Carton Dimensions (H x W x L) in	4.38 x 8.13 x 11.13 in

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

Standards and Certifications	
UL Certification	cULus
UL Standard	Ansi/UL 1449 3rd Edition
California Proposition 65	DEHP

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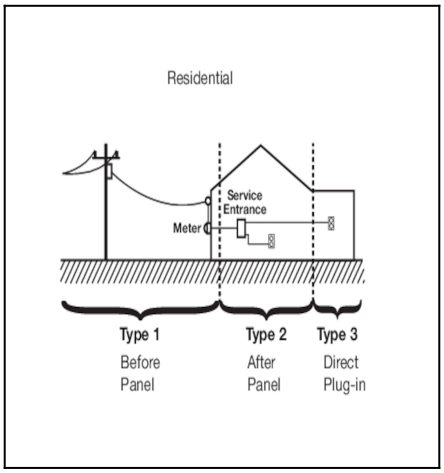
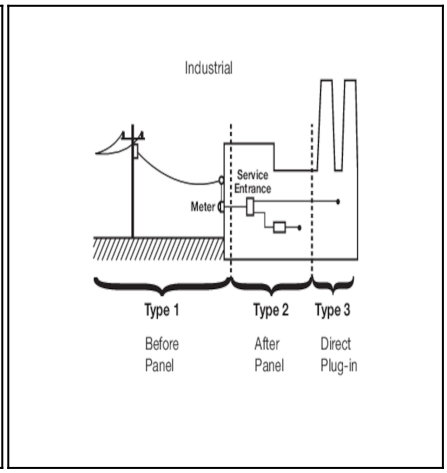
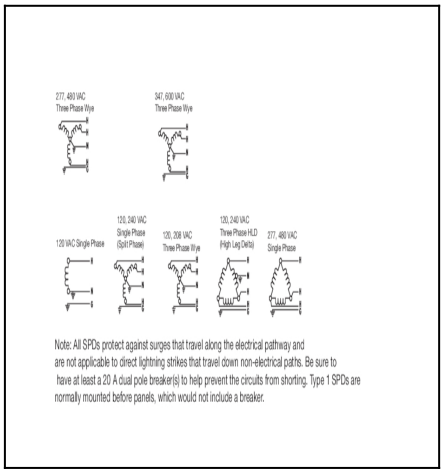
DRAWINGS AND DIAGRAMS







ACCESSORIES

IG120RSM10K
IMODULE® Replacement Module for SMART GUARD®