



## Surge Protection: Whole House Surge Protection

### Smart Guard<sup>®</sup> Whole House Surge Protective Device with IModule<sup>™</sup> | IG2240-IMSK

### Smart Guard<sup>®</sup> Whole House Surge Protective Device with IModule<sup>™</sup>

#### IG2240-IMSK

Intermatic's Smart Guard<sup>®</sup> 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 SPD uses the IModule<sup>™</sup> 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<sup>®</sup> (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 3rd edition



#### Features & Applications

##### Features

- Six Modes of protection
- TPMOV<sup>®</sup> 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

##### Applications

- Residential
- Light Commercial

- Tamper-proof IModule doors, will only open when IModule is being inserted
- Includes the IG2200-FMK flush mount kit
- 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 3rd edition

## System Includes

## System Includes (1)



IG2200-FMK

**FLUSH MOUNT KIT FOR IG2240-IMSK AND  
IG2280-IM**

Qty: 1

## Specifications

### Surge Protection Type

1, 2

Nominal Discharge Current

10 kA

Short Circuit Current Rating

10 kA

Surge Protection  
TPMOV®

Wiring Option

Terminals, Wire Leads

Enclosure Type

Indoor Type 1 Metal

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)

1500

Voltage Protection Rating (L-N)

800

Voltage Protection Rating (N-G)

700

Operating Temperature Max (°C)

85

Operating Temperature Max (F)

185

Operating Temperature Min (°C)

-35

Operating Temperature Min (F)

-31

Number of Wire Leads

4

Wire Lead Length (in)

32

Wire Lead Length (mm)

812.8

Warranty

10-year

Connect Equipment Warranty Period

10-year

Videos

**Related Accessories and Parts (1)**



**IModule™ Replacement Module for Smart Guard**

**IG120RSM10K**



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## Specifications

### Surge Protection Type

1, 2	Maximum Continuous Operating Voltage (L-N)	Operating Temperature Min (°C)
Nominal Discharge Current	150	-35
10 kA	Maximum Continuous Operating Voltage (N-G)	Operating Temperature Min (F)
Short Circuit Current Rating	150	-31
10 kA	Voltage Protection Rating (L-G)	Number of Wire Leads
Surge Protection	1500	4
TPMOV®	Voltage Protection Rating (L-L)	Wire Lead Length (in)
Wiring Option	1500	32
Terminals, Wire Leads	Voltage Protection Rating (L-N)	Wire Lead Length (mm)
Enclosure Type	800	812.8
Indoor Type 1 Metal	Voltage Protection Rating (N-G)	Warranty
Maximum Continuous Operating Voltage (L-G)	700	10-year
300	Operating Temperature Max (°C)	Connect Equipment Warranty Period
Maximum Continuous Operating Voltage (L-L)	85	10-year
300	Operating Temperature Max (F)	
	185	

Videos

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**IG120RSM10K**



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