

## Surge Protection Device - Whole House Surge Protective Device, 6-Mode, 1-Phase, 120/240 VAC, Type 2

Item IG2280-P



### 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, 4th 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 3R Rainproof Enclosure for indoor/outdoor applications in plastic
- ▶ 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-P
Description	Whole House Surge Protective Device, 6-Mode, 1-Phase, 120/240 VAC, Type 2
UPC Code	078275146105
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
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/outdoor type 3R plastic

**Dimensions**

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

**Packaging**

Shipping Weight (lbs)	3.3
Unit Carton Dimensions (H x W x L) in	10.75 x 4.25 x 6.75 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

**DRAWINGS AND DIAGRAMS**



