

Surge Protection Device - Surge Protective Device, 6-Mode, 120/240 VAC 1Ph, Type 1 or Type 2, Outdoor Plastic, Connected Equipment Warranty 5 yr \$10,000

Item IG1240RC3



PRODUCT DESCRIPTION

The IG Series Surge Protective Devices (SPD) are designed for a variety of applications. A green LED indicator provides status of protection. 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. CSA certified to ANSI/UL 1449, 3rd Edition.

FEATURES

- ▶ Six modes of surge protection
- ▶ TPMOV® surge protection technology
- ▶ Green LED indicator provides status of protection
- ▶ Type 3R rainproof enclosure for indoor/outdoor applications in plastic
- ▶ 5-year product warranty
- ▶ \$10,000 connected equipment warranty on appliances and electronics
- ▶ CSA certified to ANSI/UL 1449 3rd edition

APPLICATIONS

- ▶ Whole Home Protection

TECHNICAL DATA

General	
Model Number	IG1240RC3
Description	Surge Protective Device, 6-Mode, 120/240 VAC 1Ph, Type 1 or Type 2, Outdoor Plastic, Connected Equipment Warranty 5 yr \$10,000
UPC Code	078275124394
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	5-Year limited
Connected Equipment Warranty Period	5-Year limited
Connected Equipment Warranty Coverage (USD)	10000
Surge Protection Type	1; 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)	1200
Voltage Protection Rating (L-L)	1200
Voltage Protection Rating (L-N)	700

Voltage Protection Rating (N-G)	700
Phase	Single
Voltage	120/240 VAC Single-Phase

Control Specifications

Surge Protection LED Indicator	Green
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Mechanical Specifications

Number of Wire Leads	4
Enclosure Type	Outdoor type 3R plastic

Dimensions

Product Dimensions (H x W x D) in	4 3/16 x 4 3/16 x 3 7/16 in
Wire Lead Length (in)	30
Wire Size Max	#12 AWG, Tinned Copper

Packaging

Shipping Weight (lbs)	1.098
Unit Carton Dimensions (H x W x L) in	7.501 x 3.751 x 6.251 in

Environmental Specifications

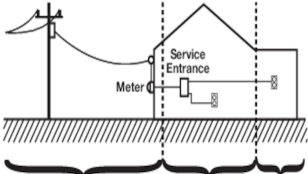
Temperature (operation)	-31 °F to 185 °F / (-35 °C to 85 °C)
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Standards and Certifications

CSA Certification	cCSAus SPD Type 1; cCSAus SPD Type 2
UL Standard	Ansi/UL 1449 3rd Edition
California Proposition 65	DEHP

DRAWINGS AND DIAGRAMS

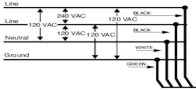
Residential



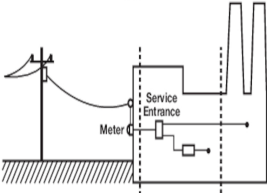
Type 1
Before
Panel

Type 2
After
Panel

Type 3
Direct
Plug-in



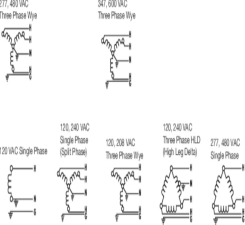
Industrial



Type 1
Before
Panel

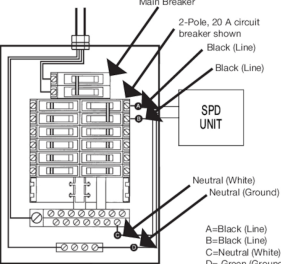
Type 2
After
Panel

Type 3
Direct
Plug-in



Note: All SPDs protect against surges that travel along the electrical pathway and are not applicable to direct lightning strikes that travel down non-electrical paths. Be sure to have at least a 20 A dual pole breaker(s) to help prevent the circuits from shorting. Type 1 SPDs are normally mounted before panels, which would not include a breaker.

Type 2 Installation
IG1240RC3/IG3240RC3



Main Breaker

2-Pole, 20 A circuit breaker shown

Black (Line)

Black (Line)

SPD UNIT

Neutral (White)

Neutral (Ground)

A=Black (Line)

B=Black (Line)

C=Neutral (White)

D= Green (Ground)

ACCESSORIES



IG1240FMP3
Flush Mount Kit for IG1200RC3 and IG1240RC3