

## Surge Protection Device - Surge Protective Device, 6-Mode, 120/208 VAC 3Ph Y, Type 1 or Type 2, Outdoor

Item AG2083C3



### PRODUCT DESCRIPTION

The AG Series Surge Protective Devices (SPD) are designed for a variety of applications. 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. A green LED indicator provides status of protection. Type 1 applications include outdoor installations before service entrances and utility meter cabinets. Type 2 applications include installations after service entrances. Outdoor applications include irrigation equipment, farm equipment, pumps, lighting fixtures, traffic signaling devices, HVACR controls and motors. AG2401C3/AG48013/AG6503C3/AG6503L3 are UL Listed to ANSI/UL 1449, 3rd edition. AG2083C3/AG4803C3/AG2403C3 are CSA certified to ANSI/UL 1449, 3rd Edition.

### FEATURES

- ▶ Six modes of protection
- ▶ TPMOV® surge protection technology
- ▶ Green LED protection indicator
- ▶ Type 4X watertight, plastic enclosure for outdoor installations
- ▶ UV-resistant polycarbonate housing
- ▶ 1/2" threaded nipple for 7/8" nominal conduit knockout
- ▶ 1-year product warranty
- ▶ CSA certified to ANSI/UL 1449 3rd edition

### APPLICATIONS

- ▶ Distribution Panel
- ▶ Service Entrance

### TECHNICAL DATA

General	
Model Number	AG2083C3
Description	Surge Protective Device, 6-Mode, 120/208 VAC 3Ph Y, Type 1 or Type 2, Outdoor
UPC Code	078275124417
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	1-Year limited
Surge Protection Type	1; 2
Electrical Specifications	
Modes of Protection	6 (L1-N, L2-N, L3-N, L1-L2, L1-L3, L2-L3)
Short Circuit Current Rating	50 kA
Nominal Discharge Current	20 kA
Maximum Surge Current Rating Per Phase	50 kA
Surge Protection Technology	TPMOV®
Maximum Continuous Operating Voltage (L-G)	150
Maximum Continuous Operating Voltage (L-L)	300
Maximum Continuous Operating Voltage (L-N)	150
Maximum Continuous Operating Voltage (L1-L2)	300
Voltage Protection Rating (L-G)	700
Voltage Protection Rating (L-L)	1200
Voltage Protection Rating (L-N)	700
Phase	Three

Voltage	120/208 VAC 3-Phase Wye
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#### Control Specifications

Surge Protection LED Indicator	Green
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#### Mechanical Specifications

Number of Wire Leads	4
Enclosure Type	Indoor/outdoor type 4X

#### Dimensions

Product Diameter (in)	3
Product Diameter (mm)	76.2
Wire Lead Length (in)	18
Wire Size Max	#12 AWG

#### Packaging

Shipping Weight (lbs)	0.998
Unit Carton Dimensions (H x W x L) in	7.001 x 3.751 x 4.001 in

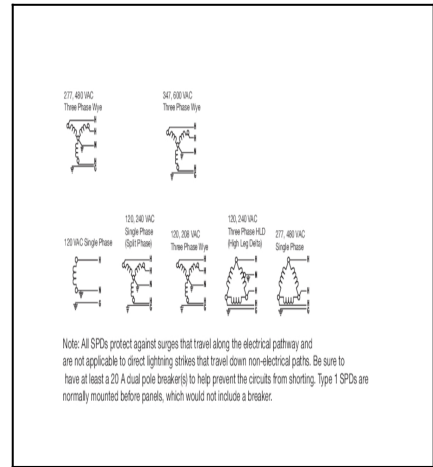
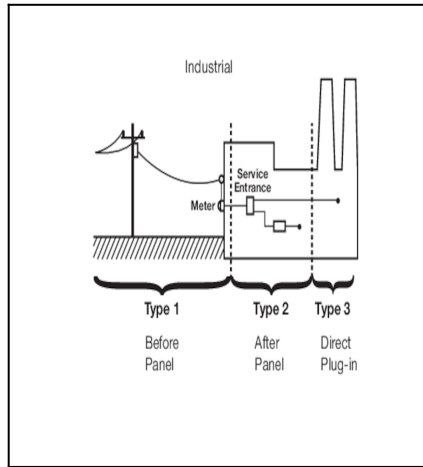
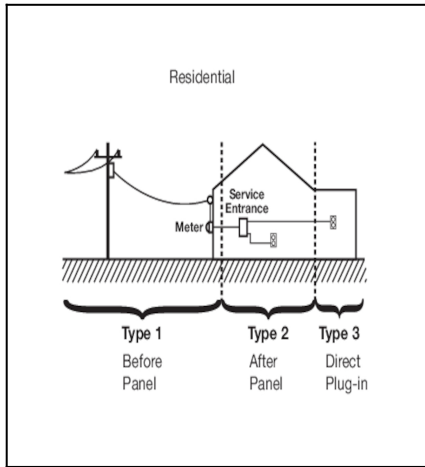
#### Environmental Specifications

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

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

**DRAWINGS AND DIAGRAMS**



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## ACCESSORIES



AG1BRKT

Mounting Bracket for AG2401C3, AG48013, AG2083C3, AG4803C3, AG6503C3, AG6503L3, AG2403C3