

Surge Protection Device - Surge Protective Device, 3-Mode, 277/480 VAC 1Ph, Type 1 or Type 2, Outdoor

Item AG48013



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

- ▶ Three 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
- ▶ UL Listed to ANSI/UL 1449 5th edition
- ▶ CSA certified to ANSI/UL 1449 3rd edition

APPLICATIONS

- ▶ Distribution Panel
- ▶ Service Entrance

TECHNICAL DATA

General	
Model Number	AG48013
Description	Surge Protective Device, 3-Mode, 277/480 VAC 1Ph, Type 1 or Type 2, Outdoor
UPC Code	078275124462
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	1-Year limited
Electrical Specifications	
Modes of Protection	3 (L1-N, L2-N, L1-L2)
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)	320
Maximum Continuous Operating Voltage (L-L)	640
Maximum Continuous Operating Voltage (L-N)	320
Maximum Continuous Operating Voltage (L1-L2)	640
Voltage Protection Rating (L-G)	1200
Voltage Protection Rating (L-L)	2000
Voltage Protection Rating (L-N)	1200
Phase	Single

Voltage	277/480 VAC Single-Phase
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Control Specifications

Surge Protection Type	1; 2
Surge Protection LED Indicator	Green

Mechanical Specifications

Number of Wire Leads	3
Enclosure Type	Indoor/outdoor type 4X

Dimensions

Product Diameter (in)	3
Product Diameter (mm)	76.2
Wire Lead Length (in)	18
Wire Size Max	#10 AWG (Black, White); #6 AWG (Green)

Packaging

Shipping Weight (lbs)	1.098
Unit Carton Dimensions (H x W x L) in	3 x 4 x 7 in

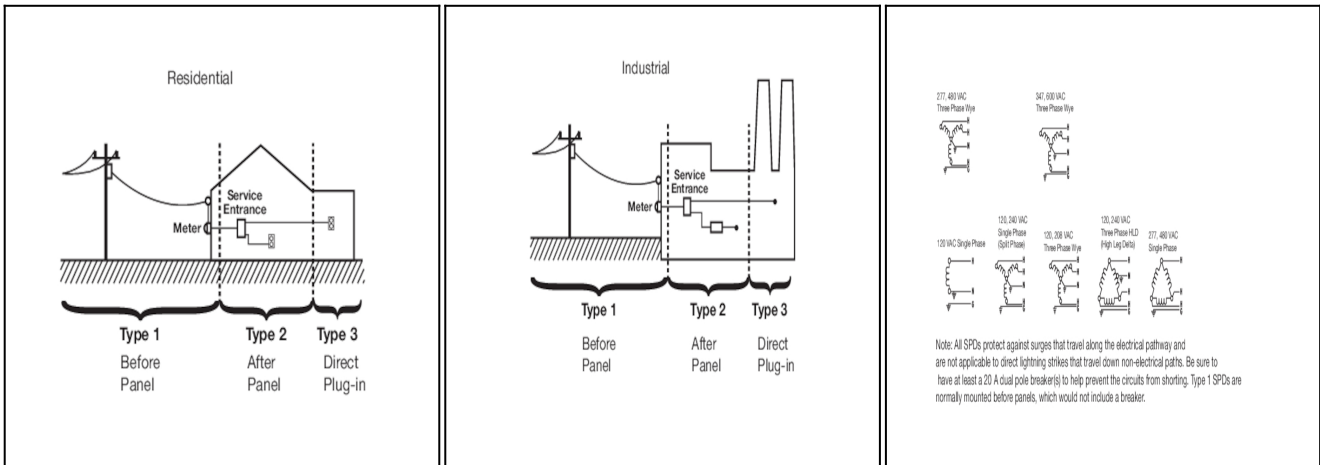
Environmental Specifications

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

UL Certification	UL; cULus
CSA Certification	cCSAus; cCSAus SPD Type 1; cCSAus SPD Type 2
UL Standard	ANSI/UL 1449 5th Edition
California Proposition 65	DEHP

DRAWINGS AND DIAGRAMS



ACCESSORIES



AG1BRKT

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