

Surge Protection Device - Surge Protective Device, 6-Mode, 347/600 VAC 3Ph Y, Type 1 or Type 2, Outdoor

Item AG6503L3



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, 5th edition. AG2083C3/AG4803C3/AG2403C3 are CSA certified to ANSI/UL 1449, 5th 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
- UL certified to ANSI/UL 1449 5th edition

APPLICATIONS

- Distribution Panel
- Service Entrance

TECHNICAL DATA

General

Model Number	AG6503L3
Description	Surge Protective Device, 6-Mode, 347/600 VAC 3Ph Y, Type 1 or Type 2, Outdoor
UPC Code	078275124769
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	1-Year limited

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)	420
Maximum Continuous Operating Voltage (L-L)	840
Maximum Continuous Operating Voltage (L-N)	420
Maximum Continuous Operating Voltage (L1-L2)	840
Voltage Protection Rating (L-G)	1500
Voltage Protection Rating (L-L)	2500
Voltage Protection Rating (L-N)	1500

Phase	Three
Voltage	347/600 VAC 3-Phase Wye
Control Specifications	
Surge Protection Type	1; 2
Surge Protection LED Indicator	Green
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)	36
Wire Size Max	#10 AWG
Material Specifications	
Color	Black
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)
Standards and Certifications	
UL Certification	UL
CSA Certification	cCSAus
Other Certifications and Compatibilities	Green Energy
UL Standard	ANSI/UL 1449 5th Edition
California Proposition 65	DEHP
RoHS Certification	N/A

ACCESSORIES



AG1BRKT

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