

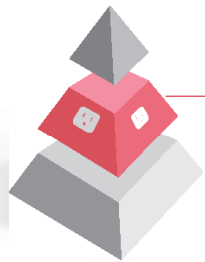


ALLTEC

DynaShield®

ADSc-200

Surge Protection Device



Surge Protection
Part of THE ALLTEC
PROTECTION PYRAMID®

Product Description

These high performance ADSc models are full featured surge protectors specifically designed for critical panel locations. The ADSc incorporates high-energy MOVs with the best performing EMI filter on the market to provide protection against transients originating from induced lightning strikes, utility switching and facility power noise.

Real-time diagnostics include LED fault indicators for each phase, as well as an optional alarm that includes red LED, dual Form C dry contacts for remote indication and an audible alarm.

The ADSc Series is available for all voltages and configurations up to 600V. Housed in a rugged NEMA 12 enclosure, these devices are suitable for indoor applications.

Standards

- Listed to UL 1449 4th edition
- ANSI/IEEE C62.41, C62.45
- ANSI/NFPA 70 National Electrical Code
- IEC61643-11 CE Mark International

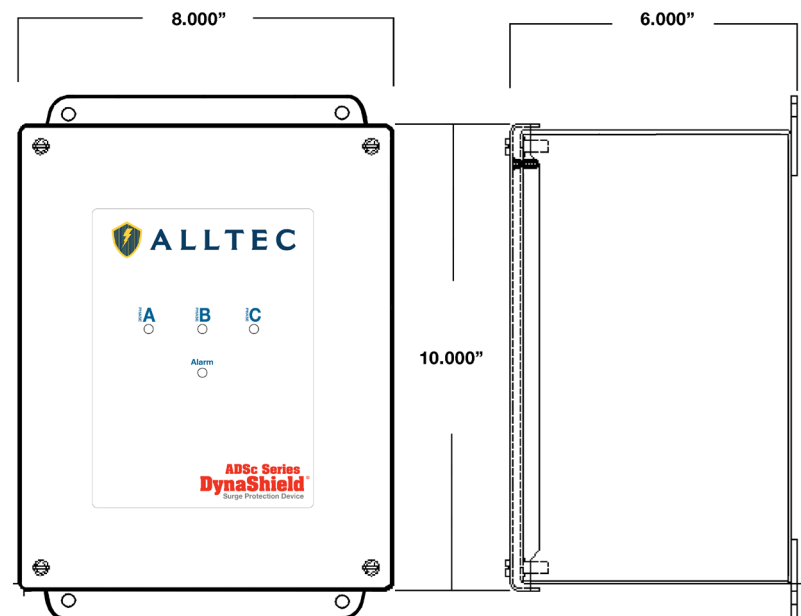
FEATURES & BENEFITS

- 10 modes of protection
- 200 kAIC fault current rating
- Advanced EMI/RFI noise filtering (-45dB) 3kHz - 1MHz
- Optional 30amp fuse allows direct connect to power bus
- Resettable surge counter option
- 10 year standard warranty

APPLICATIONS INCLUDE

- Main Service Entrance
- Distribution Equipment
- Branch Panels
- Motor Control Center

Dimensions



Specifications

Model	ADSc-200
Connection Type	Parallel
Agency Listings	Listed to UL 1449 and UL 1283
Protection Modes	Line to Neutral, Line to Ground, Line to Line, Neutral to Ground
Operating Frequency Range	50-60Hz
Maximum Surge Current Rating	400kA per phase
50 ohm EMI/RFI Attenuation	3kHz / 1MHz UL1283-45dB
Response Time	< 1 nanosecond
Status Indication	Green LED
Enclosure Protection Level	NEMA 12, Painted Steel
Dimensions (H x W x D)	10.00" x 8.00" x 6.00" (Optional 15.50" x 12.00" x 6.20")
Weight (Maximum)	25 pounds
Wire Connections	Stranded #10 AWG
Wire Lead Length	36 inch
Operating Temperature	-40 to +65 °C (-40°F to +140°F)
Operating Humidity	5% to 95% non condensing

Model Selection Guide

Service Voltage	MCOV	VPR L-N	VPR L-G	VPR N-G	VPR L-L
		080, 100 & 200	080, 100 & 200	080, 100 & 200	080, 100 & 200
120 V Single Phase	150 Vac	700 V	700 V	700 V	--
120/240 V Split Phase	150 Vac	700 V	700 V	700 V	1000 V
120/208 V 3 Phase Wye	150 Vac	700 V	700 V	700 V	1000 V
127/220 V 3 Phase Wye	150 Vac	700 V	700 V	700 V	1000 V
240 V Single Phase	320 Vac	1000 V	1000 V	1000 V	--
220/380 V 3 Phase Wye	320 Vac	1000 V	1000 V	1000 V	1800 V
240 V 3 Phase Delta	320 Vac	--	1000 V	--	1800 V
240/415 V 3 Phase Wye	320 Vac	1000 V	1000 V	1000 V	1800 V
240 V High Leg 3 Phase	150/320 Vac	700/1000 V	700/1000 V	1000 V	1000/1800 V
277/480 V 3 Phase Wye	320 Vac	1000 V	1000 V	1000 V	1800 V
480 V 3 Phase Delta	600 Vac	--	1800 V	--	3000 V
347/600 V 3 Phase Wye	600 Vac	1800 V	1800 V	1800 V	3000 V
600 V 3 Phase Delta	680 Vac	--	2100 V	--	3400 V

*Contact your local rep for assistance in surge device selection

**WORLD HEADQUARTERS**

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