

AC Surge Protector SPD CFS Brick 277/480 Vac 3-Phase Wye MOV 120 kA

A70-00-5008



LEA CFS 277-480-3Y

Features

- High Capacity MOV Protection
- Suppression Status LEDs

Applications

- Electrical Panelboards
- Industrial Automation
- Communications Base Stations
- IT & Data Centers
- Switchgear
- Motor Control Centers
- Automatic Transfer Switches
- Wastewater Treatment
- Oil & Gas
- LED Lighting
- Schools
- Hospitals

Description

AC surge protector (also known as SPD or lightning protector) A70-00-5008 from Transtector is a brick style SPD that utilizes state of the art MOV technology to protect critical equipment that operates on a 277/480 Vac 3-Phase Wye electrical service. This surge protector provides effective protection against electrical transient surges that are generated both by external lightning events and by internal switching events and supports long-term system reliability by safely shunting high amounts of transient energy while maintaining a very low clamping voltage. Transtector AC surge protectors are available in stock with same day shipping.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Service Voltages		277/480		Vac
Service Type		3-Phase Wye		
Frequency	50		60	Hz
Maximum Continuous Operating Voltage (MCOV) L - L			552	Vac
Maximum Continuous Operating Voltage (MCOV) L - N			319	Vac
Maximum Continuous Operating Voltage (MCOV) L - G			319	Vac
Maximum Continuous Operating Voltage (MCOV) N - G			319	Vac

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		MOV		
Protection Modes		L-N, L-G, N-G, L-L		
8/20 μ s Surge Current			120	kA
Nominal Discharge Current Rating (In)		10		kA

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Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Response Time			25	ns

Mechanical Specifications

Size		
Height	2.4 in	[60.96 mm]
Width	5.29 in	[134.37 mm]
Depth	5.58 in	[141.73 mm]
Weight	5 lbs	[2.27 kg]
Housing Material and Plating	Plastic	

Environmental Specifications

Temperature Range (Operational)	-40 to +85 deg C
Environmental Protection Rating	NEMA 4X
Humidity	95% non-condensing

Installation

Mount Type	Panel
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Compliance Certifications

Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated cabinets, power distribution panels and EMP hardened devices.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [AC Surge Protector SPD CFS Brick 277/480 Vac 3-Phase Wye MOV 120 kA A70-00-5008](#)

URL: <https://www.transtector.com/ac-surge-protector-spd-cfs-brick-277-a70-00-5008-p.aspx>

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A70-00-5008 CAD Drawing

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