



INTERCEPTOR II: SETTING THE INDUSTRY STANDARD FOR SURGE SUPPRESSION PERFORMANCE

Interceptor II

160kA - 1000kA Surge Suppression



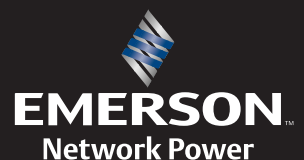
Highest Level of Surge
Current Capacity

Lowest Clamping Voltages

Small Footprint

Unique Built-In-Test Capability

True NEMA 4 Assembly
Suitable for Outdoor Use



THE CAPACITY TO HANDLE THE SURGES; THE FOOTPRINT THAT SAVES YOU SPACE

Today's businesses demand more protection from their surge suppression products. A power disturbance can strike at any time, causing a loss of data, productivity and money. Customers require systems that will consistently provide clean power and safeguard their equipment from the substantial costs of power disturbances. That is why we created the Interceptor II, the next in the line of quality TVSS products from Liebert.

Interceptor II still has the modular design and fast response times that made the original Interceptor great, but we have added several unique new features.

More Protection in Less Space

Simply put, Interceptor II is smaller and more cost effective at all power levels. Interceptor II has enhanced surge capacity available (now 1000kA). We provide the highest test surge capacity ratings of any product on the market. The NEMA 4 enclosure enables the Interceptor II to be applied in almost any environment -inside or out.

Built-In-Testing Feature

The Interceptor II is equipped with a built-in testing circuit that monitors MOV/fuse link status. The built-in testing can be operated by the simple push of a button on the display panel, and testing can occur at any voltage within the continuous operating voltage range, even during a transient event. No other surge manufacturer offers this monitoring capability as a standard feature.

Additional Features

- **Precise Current Sharing Assures Performance and Long Life** - High Energy current diversion is handled by a sophisticated parallel system of computer matched, custom metal-oxide varistor (MOV) array.
- **Protection From Extreme Voltage Conditions** - Individual component-level fusing coordinates to ensure each unit is safeguarded.
- **Lowest Clamping Voltages** - through use of low impedance copper conduction plates.
- **Real-time Status Indication** - internal and external LED's, audible alarms and Form C contacts activate when protection is reduced or phase loss/undervoltage conditions are detected.
- **Best-in-Class Capacitive Filtering** - for excellent ringwave transient attenuation.
- **Stringent 3rd Party Testing** - for surge current capacity, life cycle, EMI/RFI noise rejection, fault interrupt current and industry safety approvals (UL, CSA, CUL and CE).
- **5 Year Warranty for parts and on-site labor**



INTERCEPTOR® SURGE SUPPRESSION

Specifications

Interceptor II Surge Suppression
160kA - 1000kA.

Connection Type	Parallel Connected	
Agency Listings	UL 1449, UL 1283, cUL, CSA, CE	
Operating Voltage Range	+ / - 15%	
Fault Current Rating (AIC)	200kAIC	
Operating Frequency Range	47 - 63 Hertz	
50 ohm EMI/RFI Attenuation	100kHz	41 dB
	1MHz	31 dB
	10MHz	35 dB
	100MHz	53 dB
Protection Modes	All applicable modes standard (Line to Neutral, Line to Ground, Neutral to Ground and Line to Line)	
Response Time	<0.5 nanoseconds	
Temperature	-40 to +60 degrees C	
Operating Humidity	0% to 95% noncondensing	
Status Indication	LEDs, Dry Contacts, Audible Alarm	
Enclosure	NEMA 4 standard	
Altitude	0 to 18,000 feet	
Audible Noise	Less than 45 dBA	
Warranty	5 Years Parts and Labor	



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NEMA LS 1 Test Data
(without disconnect/with disconnect)

System Voltage	Mode	B3 Ringwave	6kv/500A Comb. Wave	B3/C1 Comb. Wave	C3 Comb. Wave
120/208	L-N	328/344	308/312	376/376	452/536
120/208	L-G	340/348	320/316	364/368	444/584
120/208	L-L	464/448	576/568	680/652	792/832
120/208	N-G	344	284	344	468
277/480	L-N	520/536	532/528	800/800	912/952
277/480	L-G	736/760	688/688	760/776	840/896
277/480	L-L	736/776	720/728	1480/1416	1656/1600
277/480	N-G	736	648	760	896

UL 1449 Clamping Data
(Second Edition)

System Voltage	L-N	L-G	N-G	L-L
120/240 or 120/208	330V	400V	400V	600V
240	N/A	800V	N/A	800V
230/400 or 277/480	700V	800V	600V	1200V
480	N/A	1200V	N/A	1500V

Interceptor II

Product Warranties

A warranty that does not include labor is just another high-priced bill waiting to happen. Many other companies offer 5 or 10 year warranties that do not cover labor but Liebert's warranty is better because it **does** include labor. Once you purchase an Interceptor, you have the piece of mind to know that if there is a problem with your system during the next five years, it's not going to cost you a dime.

Not only does the Interceptor II have the best warranty and labor plan in the business, but it is backed by the best service in the industry. We have the largest service team in the power protection industry, and our response times have set the industry standard for performance. Liebert provides quality dependable service 24 hours a day, 7 days a week, 365 days a year, and we have over 30 years experience protecting sensitive equipment. The depth of our protection is what sets us apart from our competitors.



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