

PANEL-MOUNTED SURGE PROTECTION

The SpikeShield line of branch panel surge suppressors provides a 100,000 peak amperage capacity series that includes a compact panel design.

This product line also incorporates the innovative thermal fusing and sine wave tracking features found in the larger-size panel protector products.

The panel series is designed to provide top-of-the line surge protection in areas that contain dust, dirt and noncorrosive dripping liquids. The panel series comes in a NEMA 12 enclosure that is compact in size and can be mounted adjacent to the branch panel in order to reduce lead lengths and improve protection.

FEATURES

Thermal fusing

BENEFITS

Thermal fuse remains functional to prevent the MOV from overheating when exposed to high current levels, a patented Hubbell exclusive.

Compact design

Allows installation in areas with space restrictions and helps minimize connecting lead lengths which can cause impedance.

100KA peak amp capacity

Provides high level of protection for equipment under severe electrical conditions.

LED & audible alarm

Provides visual and audible indication of suppressor status.

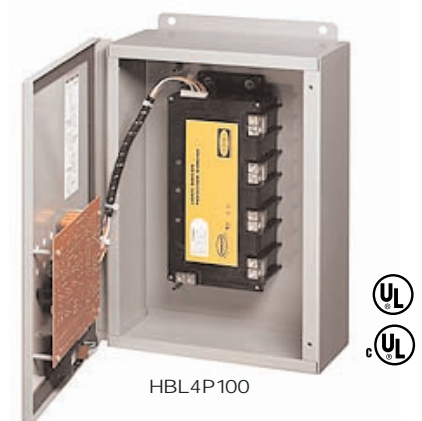
Sine wave tracking

Provides uniform clamping throughout the sine wave.

All panel products are UL Listed (cUL) to Standard 1449, 2nd Edition.



HBL4P100



HBL4P100



ORDERING INFORMATION

Panel-mounted surge protection with 100,000 peak amperage capacity.

VOLTAGE	PHASE CONFIGURATION	CATALOG #
120/240V	1 ϕ	HBL3P100
120/208V	3 ϕ Wye	HBL4P100
240V	3 ϕ Delta	HBL5P100
240/120V	3 ϕ Delta	HBL6P100
220/380V	3 ϕ Wye	HBL7P100
277/480V	3 ϕ Wye	HBL8P100
480V	3 ϕ Delta	HBL9P100
347/600V	3 ϕ Wye	HBL10P100

SPECIFICATIONS

SERIES

	HBL3P100	HBL4P100	HBL5P100	HBL6P100	HBL7P100	HBL8P100	HBL9P100	HBL10P100
Operating Specifications								
Nominal line voltage:	120/240	120/208	240	240/120	220/380	277/480	480	347/600
Max. cont. operating voltage:	150/300	150/300	300	300/150	275/390	320/640	640	390/780
Operating Frequency:	50/60/400 Hz							
Max. surge current/phase:	100KA							
Max. surge current per mode:	50KA							
	*L-L, L-N, L-G, N-G							
Operating temperature:	-40° to +140° F (-20° to +80° C)							
Diagnostics:	Red & Green Status LEDs, Diagnostic Test Switches, Dry Contacts, Audible Alarm, Optional Surge Counter							
Performance								
UL1449, 2nd edition								
Clamping voltage:	400 V	400 V	700 V	600/400 V	600 V	800 V	1500 V	900 V
ANSI/IEEE C62.41:								
Clamping voltage:								
Category A3 200A (Ringwave)	350	350	920	500/350	500	610	1480	700
Category B3 500A (Ringwave)	420	420	1090	660/420	660	740	1540	810
Category C1 3000A (Impulse)	450	450	1090	760/450	760	840	1620	950
EMI/RFI noise rejection:	Up to -50dB							
Thermal fusing:	Yes							
Mechanical Description								
Dimensions:	4.7"D x 10"W x 16.2"H		Housing ratings:	NEMA 12, Metallic		Product weight:	17 lbs.	
Connection method:	#2/0 AWG Terminals							
Warranty								
Product:	10 Years							

*L-L on all Delta configured products only