

Service Entrance Protection

The industry's most innovative service entrance protection system introduces new design methods and safety features. The Hubbell SpikeShield line of service entrance

surge protection utilizes the most unique and safest means of protecting your building from transients caused by lightning, utility grid switching, power line arcing or electrical accidents. The Hubbell service entrance protection system has a peak current rating of 320KA which exceeds the worst case requirements for high-exposure environments.

This new design by Hubbell achieves a new level of safety and performance not previously available. Improved performance is made possible through the use of a low-impedance design which incorporates bus-bar current carrying pathways and bolt-down modules. Increased safety for your equipment is designed into the product through individually fused MOVs, patented "Thermal Fusing" and fault-current fusing on the bolt-down modules.



SERVICE ENTRANCE PANEL PROTECTION

FEATURES

Thermal fusing

Compact design with bus-bar pathways

320KA peak amp capacity

Bolt-down modules

Fault-current fusing

LED & audible alarm status indicator

Sine wave tracking

BENEFITS

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

Allows installation in areas with space restrictions.

Minimizes connecting lead length which reduces impedance ensuring improved clamping performance.

Protects equipment under the worst electrical conditions.

Assures positive connection and allows for easy replacement.

Prevents excessive panel damage caused by internal short circuits or component failure.

Provides visual and audible indication of panel status. Green for operational, red for module failure. Audible alarm for module failure with silencing.

Provides uniform clamping throughout the sine wave.

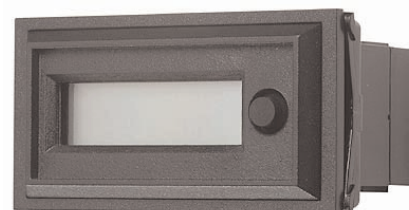
All panel products are UL (cUL) Listed to Standard 1449, 2nd Edition.



HBL4P320



HBL320M120



HBLSC

ORDERING INFORMATION

Service entrance surge protection with 320,000 peak amperage capacity.*

VOLTAGE	PHASE CONFIGURATION	CATALOG #	REPLACEMENT MODULE
120/240V	1ø	HBL3P320	HBL320M120
120/208V	3ø Wye	HBL4P320	HBL320M120
240V	3ø Delta	HBL5P320	HBL320M240
240/120V	3ø Delta	HBL6P320	HBL320M120 & HBL320M220
220/380V	3ø Wye	HBL7P320	HBL320M220
277/480V	3ø Wye	HBL8P320	HBL320M277
480V	3ø Delta	HBL9P320	HBL320M480
347/600V	3ø Wye	HBL10P320	HBL320M347

*Surge Counter available, Catalog #HBLSC

SPECIFICATIONS

	HBL3P320	HBL4P320	HBL5P320	HBL6P320	HBL7P320	HBL8P320	HBL9P320	HBL10P320	
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:	320KA								
Max. surge current per mode:	160KA								
*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:	330 V	330 V	700 V	600/330 V	700 V	800 V	1500 V	800 V	
ANSI/IEEE C62.41:									
Clamping voltage:									
Category A3 200A (Ringwave)	350	350	610	570/350	570	620	1280	660	
Category B3 500A (Ringwave)	430	430	710	660/430	660	720	1440	810	
Category C1 3000A (Impulse)	430	430	740	740/430	740	810	1600	1020	
EMI/RFI noise rejection:	Up to -50dB								
Thermal fusing:	Yes								
Fault current fusing:	200K AIC Fusing Per Mode								
Mechanical Description									
Dimensions:	6.32"D x 16.45"W x 25.25"H		Housing ratings:		Product weight:		Connection method:		
	NEMA 12, Metallic		30 lbs.		#2/0 AWG Terminal				

*L-L on all Delta configured products only

Branch Panel Protection

The SpikeShield line of branch panel surge protection offers a broad selection of products to meet the various requirements of industrial, commercial and institutional applications. No other surge suppression system can meet the flexibility, safety and performance standards set by Hubbell.

Hubbell offers surge suppression products which can handle peak amperage capacities of 65KA to 160KA. Led by the innovative PanelMaster™ series which incorporates a "Hot Swappable™" design, Hubbell offers a 160KA panel extension that eliminates long lead lengths while providing the most superior clamping levels.

The SpikeShield product line also includes an offering which is a modular series panel protector that features improved performance through the use of a low impedance bus-bar design and also comes with easily replaceable bolt-down modules.

The SpikeShield branch panel protection system includes the complete compact and economical 100KA series product offering. These products can be attached to branch panels, safety switches and load centers. The 100KA series is available either in a filtered and nonfiltered version, or in a NEMA 12 enclosure.

In addition, Hubbell also offers a 65KA series that can be attached as an appendage or flush mounted to a finished wall next to the panel. The versatility of the 65KA series products allows them to be used on branch panels, as well as main panel protection found in smaller commercial facilities.



PANELMASTER™ SERIES

The most innovative and flexible technology in the surge suppression industry today. The PanelMaster series is a 160KA rated product that mounts on top of your branch panel resulting in the best possible surge protection. The patented feed-through design of the PanelMaster series eliminates long lead lengths and achieves superior clamping levels.

In addition to this, the PanelMaster series by Hubbell also features the non-interrupting “Hot Swappable” design. This patented design allows the end user to replace modules without disconnecting power to the panel.

PanelMaster series’ flexibility allows it to be field-mounted to any manufacturer’s standard panel without consuming a breaker position or valuable wall space. The flexibility of the PanelMaster product line also eliminates delays on job sites caused by custom electronic grade TVSS panels. Only the PanelMaster series by Hubbell provides transient protection to the entire panel in a flexible, easy to install, field serviceable way.

FEATURES	BENEFITS
Thermal fusing	Thermal fuse remains functional to prevent the MOV from overheating when exposed to high current levels, a patented Hubbell exclusive.
Feed-through connection	Eliminates connecting leads and provides superior clamping performance.
Hot Swappable design	Allows modules to be replaced without power interruption. Eliminates facility downtimes.
Fault-current fusing	Prevents excessive panel damage caused by internal short circuits or component failure.
LED and audible alarm indicator status	Provides audible and visual indication of status. Green LED for operational; red LED for module failure.
Sine wave tracking	Provides uniform clamping throughout the sine wave.
All panel products are UL (cUL) Listed to Standard 1449, 2nd Edition.	



HBL4PM160



HBL4PM160



HBL160PMM120



ORDERING INFORMATION

PanelMaster panel extension with Hot Swappable modules and 160,000 peak amperage capacity.*

VOLTAGE	PHASE CONFIGURATION	CATALOG #	REPLACEMENT MODULE
120/240V	1ø	HBL3PM160	HBL160PMM120
120/208V	3ø Wye	HBL4PM160	HBL160PMM120
277/480V	3ø Wye	HBL8PM160	HBL160PMM277

*Surge Counter available, Catalog #HBLSC

SPECIFICATIONS

	HBL3PM160	HBL4PM160	HBL8PM160	
Operating Specifications				
Nominal line voltage:	120/240	120/208	277/480	
Max. cont. operating voltage:	150/300	150/300	320/640	
Operating frequency:	50/60/400 Hz			
Max. surge current/phase:	160KA			
Max. surge current per mode:				
L-N, L-G, N-G	80KA			
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	800 V	
ANSI/IEEE C62.41:				
Clamping voltage:				
Category A3 200A (Ringwave)	350 V	350 V	600 V	
Category B3 500A (Ringwave)	400 V	400 V	720 V	
Category C1 3000A (Impulse)	410 V	410 V	810 V	
EMI/RFI noise rejection:	Up to -50dB			
Thermal fusing:	Yes			
Fault current fusing:	200K AIC Fusing Per Mode			
Mechanical Description				
	Dimensions: 5.75"D x 20.12"W x 17.5"H	Housing ratings: NEMA 1, Metallic	Product weight: 27 lbs.	Connection method: #250 mcm Terminals
Warranty				
	Product: 10 Years			



HBL4P160



HBL4P160



HBL160M120

MODULAR PANEL SURGE PROTECTION

The SpikeShield modular panel series offers a versatile and compact surge protection device designed to provide high-quality protection for industrial, commercial and institutional applications. This modular panel series by Hubbell provides a 160,000 peak amperage capacity and has easy to replace bolt-down modules.

This design incorporates bus-bar construction with bolt-down modules that improves performance and ease of maintenance. The device is able to deliver maximum protection because the advanced design reduces impedance. The product line also offers a high level of safety due to the use of fault-current fusing. This technology eliminates possible panel hazards.

FEATURES

Thermal fusing

Compact design with bus-bar pathways

160KA peak amp capacity

Bolt-down modules

Fault-current fusing

LED & audible alarm status indicator

Sine wave tracking

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

BENEFITS

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

Allows installation in areas with space restrictions.

Minimizes connecting lead length and reduces impedance which ensures improved clamping performance.

Protects equipment under the worst electrical conditions.

Assures positive connection and allows for easy replacement

Prevents excessive panel damage caused by internal short circuits or component failure.

Provides visual and audible indication of panel status. Green for operational, red for module failure.

Provides uniform clamping throughout the sine wave.

ORDERING INFORMATION

Branch panel surge protection with 160,000 peak amperage capacity.*

VOLTAGE	PHASE CONFIGURATION	CATALOG #	REPLACEMENT MODULE
120/240V	1Ø	HBL3P160	HBL160M120
120/208V	3Ø Wye	HBL4P160	HBL160M120
240V	3Ø Delta	HBL5P160	HBL160M240
			HBL160M120 &
240/120V	3Ø Delta	HBL6P160	HBL160M220
220/380V	3Ø Wye	HBL7P160	HBL160M220
277/480V	3Ø Wye	HBL8P160	HBL160M277
480V	3Ø Delta	HBL9P160	HBL160M480
347/600V	3Ø Wye	HBL10P160	HBL160M347

*Surge Counter available, Catalog #HBLSC

SPECIFICATIONS

	HBL3P160	HBL4P160	HBL5P160	HBL6P160	HBL7P160	HBL8P160	HBL9P160	HBL10P160
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:	160KA							
Max. surge current per mode:	80KA							
*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	640	640/350	590	740	1510	630
Category B3 500A (Ringwave)	410	410	700	700/410	730	900	1580	870
Category C1 3000A (Impulse)	480	480	780	780/480	810	1000	1660	1000
EMI/RFI noise rejection:	Up to -50dB							
Thermal fusing:	Yes							
Fault current fusing:	200K AIC Fusing Per Mode							

Warranty

*L-L on all Delta configured products only

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

Compact design

100KA peak amp capacity

LED & audible alarm

Sine wave tracking

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

BENEFITS

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

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

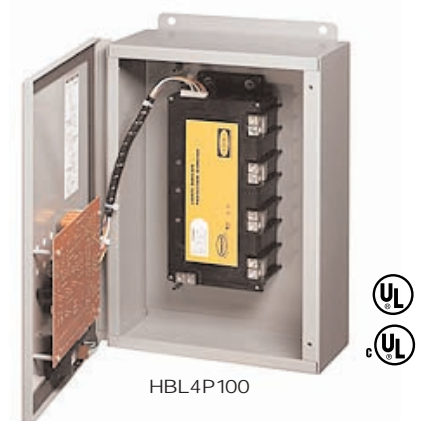
Provides high level of protection for equipment under severe electrical conditions.

Provides visual and audible indication of suppressor status.

Provides uniform clamping throughout the sine wave.



HBL4P100



HBL4P100

ORDERING INFORMATION

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

VOLTAGE	PHASE CONFIGURATION	CATALOG #
120/240V	1Ø	HBL3P100
120/208V	3Ø Wye	HBL4P100
240V	3Ø Delta	HBL5P100
240/120V	3Ø Delta	HBL6P100
220/380V	3Ø Wye	HBL7P100
277/480V	3Ø Wye	HBL8P100
480V	3Ø Delta	HBL9P100
347/600V	3Ø 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:								
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:		Housing ratings:		Product weight:		Connection method:	
	4.7"D x 10"W x 16.2"H		NEMA 12, Metallic		17 lbs.		#2/0 AWG Terminals	
Warranty	Product: 10 Years							

*L-L on all Delta configured products only



HBL4W100



HBL4W100



WIRED-IN SURGE PROTECTION

The wired-in surge suppression block design is ideal for areas where space is a major consideration. The surge block can be mounted directly to the panel through a chase nipple connection which will reduce lead length and impedance while increasing protection levels.

An optional version of this product is available without filtering for signal sensitive applications. The nonfiltered version will not interfere with clocking and power line carrier signals (for lighting controls) by allowing safe passage for the control signals while maintaining protection for the sensitive electronic system. The control signals, if filtered, could cause certain systems to go out of synchronization.

FEATURES

Thermal fusing

Compact design

100KA peak amp capacity

LED & audible alarm

Sine wave tracking

Wired-in products are UL Listed (cUL) to Standard 1449, 2nd Edition.

BENEFITS

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

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

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

Provides visual and audible indication of suppressor status.

Provides uniform clamping throughout sine wave. (Not included on nonfiltered version.)

ORDERING INFORMATION

Wired-in branch panel surge protection with 100,000 peak amperage capacity.

VOLTAGE	PHASE CONFIGURATION	CATALOG #	WITHOUT FILTER
120/240V	1ø	HBL3W100	HBL3W100NF
120/208V	3ø Wye	HBL4W100	HBL4W100NF
240V	3ø Delta	HBL5W100	HBL5W100NF
240/120V	3ø Delta	HBL6W100	HBL6W100NF
220/380V	3ø Wye	HBL7W100	HBL7W100NF
277/480V	3ø Wye	HBL8W100	HBL8W100NF
480V	3ø Delta	HBL9W100	HBL9W100NF
347/600V	3ø Wye	HBL10W100	HBL10W100NF

SPECIFICATIONS

	HBL3W100/ HBL3W100NF	HBL4W100/ HBL4W100NF	HBL5W100/ HBL5W100NF	HBL6W100/ HBL6W100NF	HBL7W100/ HBL7W100NF	HBL8W100/ HBL8W100NF	HBL9W100/ HBL9W100NF	HBL10W100/ HBL10W100NF
Operating Specifications								
Nominal line voltage:	120/240	120/208	240	240/1200	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	50KA							
Operating temperature:	-40° to +140° F (-20° to +80° C)							
Diagnostics:	Green Status LED, Audible Alarm, Dry Contacts							
Performance								
UL1449, 2nd edition								
Clamping voltage:	400 V	400 V	800 V	700/400 V	700 V	800 V	1500 V	900 V
ANSI/IEEE C62.41:								
Clamping voltage:								
Category A3 200A (Ringwave)/NF	470/520 V	470/520 V	1460/1460 V	590/470/790/520 V	590/790 V	670/850 V	1620/1720 V	740/1010 V
Category B3 500A (Ringwave)/NF	620/650 V	620/650 V	1630/1630 V	780/620/910/650 V	780/910 V	810/970 V	850/1160 V	850/1160 V
Category C1 3000A (Impulse)/NF	650/650 V	650/650 V	1630/1630 V	920/650/1050/650 V	920/940 V	980/980 V	1080/1890V	1080/1160V
EMI/RFI noise rejection/NF:	Up to -40dB/Up to -20dB							
Thermal fusing:	Yes							
Mechanical Description	Dimensions:		Housing ratings:		Product weight:		Connection method:	
	2.6"D x 4.75"W x 10.6"H		NEMA 1, Metallic		3 lbs.		#10 AWG Wire leads	
Warranty								
Product: 10 Years								

*L-L on all Delta configured products only.

WIRED-IN SURGE PROTECTION FOR INDUSTRIAL, COMMERCIAL, INSTITUTIONAL AND RESIDENTIAL APPLICATIONS

The Hubbell SpikeShield product line also includes the most versatile offering of wired-in surge suppressors for industrial, commercial, institutional and residential applications. This product offering provides a 65,000 peak amp capacity and can be mounted to the branch panel or inside a cabinet. This product offering also has a version that includes a mounting plate for installation on finished walls.

Hubbell has incorporated its top-of-the-line innovation into this compact and economical design. Thermal fusing protection on all modes and sine wave tracking are some of the features that make this the top product in its class.

FEATURES	BENEFITS
Thermal fusing	Thermal fuse remains functional to prevent the MOV from overheating when exposed to high current levels, a patented Hubbell exclusive.
NEMA Type 3R housing	Provides rain and dust-tight protection for reliable outdoor use.
LED and audible alarm	Provides visual and audible indication of suppressor status.
Sine wave tracking	Provides uniform clamping throughout the sine wave.

Wired-in products are UL Listed (cUL) to standard 1449, 2nd Edition.



HBL3W65



HBL3F65

ORDERING INFORMATION

Wired-in panel surge protection, 65KA peak amperage capacity.

VOLTAGE	CATALOG #
120V	HBL1W65
240V	HBL2W65
120/240V	HBL3W65

Flush-mount wired panel surge protection, 65KA peak amperage capacity.

VOLTAGE	CATALOG #
120/240V	HBL3F65

SPECIFICATIONS

	HBL1W65	HBL2W65	HBL3W65	HBL3F65
Operating Specifications				
Nominal line voltage:	120	220	120/240	120/240
Max. cont. operating voltage:	150	320	150/300	150/300
Operating frequency:	50/60/400 Hz			
Max. surge current/phase:	65KA			
Max. surge current per mode:				
L-N, L-G,	32.5KA			
N-G	16KA			
Operating temperature:	-40° to +140° F (-20° to +80° C)			
Diagnostics:	Green Status LEDs, Audible Alarm			
Performance				
UL1449, 2nd edition				
Clamping voltage:	400 V	800 V	700 V	400 V
ANSI/IEEE C62.41:				
Clamping voltage:				
Category A3 200A (Ringwave)	330 V	420 V	330 V	330 V
Category B3 500A (Ringwave)	360 V	540 V	360 V	360 V
Category C1 3000A (Impulse)	500 V	710 V	500 V	500 V
EMI/RFI noise rejection:	Up to -40dB			
Thermal fusing:	Yes			
Mechanical Description				
Dimensions:		Housing ratings:		Product weight:
2.25"D x 2.99"W x 4.28"H		NEMA 3R, Non-Metallic		1.0 lbs.
7"x7" Flushmount Plate (HBL3F65)				Connection method:
				#10 AWG Wire leads
Warranty				
Product: 10 Years				



HBL1DR65



HBL1T65



OEM/SPECIALTY SURGE PROTECTION

The SpikeShield offering includes a selection of hard-wired surge suppressors that can be internally mounted inside equipment cabinets. These devices provide point-of-use protection for electronic cabinets that will be used in remote locations or in severe electrical environments. This product line has a 65,000 peak amp capacity and is offered with DIN rail* or terminal mounting** options.

Both products are ideal for panel builders, manufacturers and integrators of control or instrumentation cabinets for industrial, medical or commercial applications.

FEATURES

Thermal fusing

Compact design

LED indicator status

Sine wave tracking

* DIN rail product comes with audible alarm.

** Terminal mount product comes with enhanced performance resulting from inductive series design.

DIN Rail and terminal mounted products are UL recognized in accordance with Standard 1449, 2nd Edition.

BENEFITS

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

Allows installation in areas with space restrictions. Minimizes connecting lead length and reduces impedance which ensures improved clamping performance.

Provides visual indication of suppressor status.

Provides uniform clamping throughout the sine wave.

ORDERING INFORMATION

VOLTAGE CATALOG #

120V HBL1DR65*

240V HBL2DR65

*DIN rail mounted, 65KA peak amperage capacity.

120V HBL1T65**

240V HBL2T65**

**Terminal series mounted, 65KA peak amperage capacity.

* Not intended for domestic 120/240V configurations.

SPECIFICATIONS

	HBL1DR65	HBL2DR65	HBL1T65	HBL2T65
Operating Specifications				
Nominal line voltage:	120	240	120	240
Max. cont. operating voltage:	150	320	150	270
Max. cont. operating current:	-	-	20A	20A
Operating frequency:	50/60/400 Hz			
Max. surge current/phase:	65KA			
Max. surge current per mode:				
L-N, L-G	32.5KA			
N-G	16KA			
Operating temperature:	-40° to +140° F (-20° to +80° C)			
Diagnostics:	Green Status LED, Diagnostic Contact			
Performance				
UL1449, 2nd edition				
Clamping voltage:	400 V	800 V	400 V	600 V
ANSI/IEEE C62.41:				
Clamping voltage:				
Category A3 200A (Ringwave)	320 V	490 V	310 V	460 V
Category B3 500A (Ringwave)	340 V	800 V	350 V	580 V
Category C1 3000A (Impulse)	500 V	980 V	400 V	700 V
EMI/RFI noise rejection:	Up to -40dB		Up to -65dB	
Thermal fusing:	Yes			
Mechanical Description				
Dimension:	2.28"D x 2.82"W x 3.5"H		2.07"D x 3.55"W x 6.82"H	
Housing ratings:	NEMA 1, Non-Metallic		NEMA 1, Non-Metallic	
Product weight:	0.5 lb		1 lb	
Connection method:	#12 AWG Terminals			
Warranty				
Product: 10 Years				

HOME GUARD™ METER MOUNTED RESIDENTIAL SURGE PROTECTION

The SpikeShield TVSS offering from Hubbell also includes a product designed to provide “whole house protection” at the utility meter socket. The HomeGuard surge suppression system provides service entrance protection against lightning or other externally generated transients. This product has a 100,000 peak amp capacity for single phase 200 amp meter sockets. HomeGuard is designed to isolate your home from external events that affect power quality.

FEATURES	BENEFITS
Thermal fusing	Thermal fuse remains functional to prevent the MOV from overheating when exposed to high current levels, a patented Hubbell exclusive.
Meter socket adapter design	Mounts quickly and easily to the meter socket at the entrance.
Audible alarm	Audible alarm for module failure.
HomeGuard is UL (cUL) Listed as a secondary surge arrester and tested to ANSI C62.11 Standard.	

ORDERING INFORMATION

DESCRIPTION	VOLTAGE	CATALOG #
Meter-socket mounted, whole-house surge suppressor	120/240V	HBL65MPC

Hubbell HomeGuard meter-mounted surge suppression connected to local utility service* is shown below.



HBL65MPC



*HomeGuard meter mounted surge protection should be installed by your local utility service.

SPECIFICATIONS

HBL65MPC				
Operating Specifications				
Nominal line voltage:	120/240			
Max. cont operating voltage:	250			
Operating frequency:	50/60/400 Hz			
Max. surge current:	100KA			
Max. surge current per mode:				
L1-G, L2--G	50KA			
Operating temperature:	-40° to +140° F (-20° to +80° C)			
Diagnostics:	Audible alarm			
Performance				
UL Listed secondary surge arrester				
Clamping voltage:	400 V			
ANSI/IEEE C62.11:				
Clamping voltage:				
Category A3 200A (Ringwave)	600 V			
Category B3 500A (Ringwave)	660 V			
Category C1 3000A (Impulse)	690 V			
EMI/RFI noise rejection:	Up to -20dB			
Thermal fusing:	Yes			
Mechanical Description	Dimensions:	Housing ratings:	Product weight:	Connection method:
	3.63"H x 8.73"D	NEMA 3R, Non-Metallic	2 lbs.	Meter Base
Warranty	Product:10 Years			