HUBBELL®
Wiring Device-Kellems

SPIKESHIELD™

Surge Protective Devices (SPD)

UL1449 4th Edition

www.hubbell-wiring.com

HUBBELL®

Table of Contents

Surge Panels

320kA, 160kA and 120kA
Service/Branch Panel Protection 4

Surge Strips

Wired-In Branch Panels

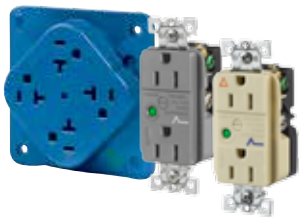
Wired-In Branch Panel Protection.....5
Wired-In Surge Arrestors.....5

Healthcare Outlet Assembly (HCOA)

SNAP*Connect*® Surge Receptacles 6
Surge Receptacles 7

SNAP*Connect*® Surge Receptacles

Surge Protection Plug Strips
Healthcare Outlet Assemblies (HCOA)..... 8
Metallic 9
Non-Metallic 9
Surge Strips with USB Ports 9



Surge Receptacles

Applications

Commercial

Hospitality

Computer Labs

Healthcare

Data Centers

Schools and Universities

Hubbell Surge Protective Devices (SPD)

A cascading approach is encouraged for optimal surge protection of any facility or home. A cascading approach includes surge protection at the service entrance, branch panel and the point-of-use. Hubbell offers a comprehensive selection of panel surge products, innovative surge strips, and the broadest surge receptacle offering in the industry.

Panel Surge Products

The SpikeShield® line of panel surge protective devices offers a broad selection of products to meet the many requirements of industrial, commercial, institutional, and residential applications. Hubbell offers a complete offering of high quality, cost effective panel surge products.

- All Type 1 and Type 2 panel surge products are UL1449 fourth edition listed.
- Protection levels from 50 kA to 320 kA to handle all real world surge events.
- 160 and 320 kA versions feature bus bar construction, bolt down modules, surge counter and a metallic NEMA 1 enclosure.
- Hubbell's wired-in surge units are ideal for service entrance, branch panel, or point of use applications such as protecting variable speed drives or other sensitive equipment on the plant floor.

Surge Strip Products

Hubbell SpikeShield surge strip devices feature a wide range of products to handle every application or need. A good-better-best approach to surge protection levels offers products at every price point; this allows customers to choose the proper protection level for their application.

- Hubbell offers the industry's first UL2930 listed HCOA for patient care areas.
- Two USB ports in our four outlet model are ideal for charging devices such as smartphones, MP3 players and GPS devices.
- Yellow high visibility units are ideal for protecting sensitive equipment in areas that require a more robust surge strip.
- Other specialty applications that various products address include telephone line, CATV and satellite protection.
- Many units also accommodate transformer style plugs.

Surge Receptacles

Hubbell offers a broad range SPD receptacles with technology that is unsurpassed. Inside Hubbell SPD receptacles are two 22mm square MOVs providing 240 joules of surge protection for each mode. The nylon component shield protects the printed circuit board from contaminants. An all-glass, conformally coated PC board provides superior moisture immunity for longer life in humid environments.

320kA, 160kA and 120kA Service/Branch Panel Protection

320,000 and 160,000 Peak Amp Capacity Type 1 SPD

- Improved performance through the use of a low impedance bus-bar design
- Replaceable surge suppression modules
- Surge counter included in all units
- NEMA 1 enclosure
- LED and audible alarm status indicator
- UL1449 4th edition

120,000 Peak Amp Capacity Type 1 SPD

- Economical, compact, modular design
- Protect branch panels, safety switches and load centers
- Appendage or flush mounted to a finished wall next to the panel
- Surge counter included in all units
- NEMA 3R enclosure
- LED and audible alarm status indicator
- UL1449 4th edition

Service/Branch Panel Protection 320,000 Peak Amp Capacity (Type 1 SPD)

Voltage V AC	Configuration	Catalog Number	With Disconnect	Replacement Module
120/240 Single phase	1Ph. 3-wire +G	**HBL3P320B**	**HBL3P320DB**	**HBL160M120B**
120/208 Wye*	3Ph. Wye 4-wire +G	**HBL4P320B**	**HBL4P320DB**	**HBL160M120B**
240/120 Delta split phase	3Ph. Delta 4-wire +G 'High Leg'	**HBL6P320B**	**HBL6P320DB**	**HBL160M240B & HBL160M120B**
277/480 Wye**	3Ph. Wye 4-wire +G	**HBL8P320B**	**HBL8P320DB**	**HBL160M277B**
347/600 Wye	3Ph. Wye 4-wire +G	**HBL10P320B**	**HBL10P320DB**	**HBL160M600B**

HBL4P320B

Service/Branch Panel Protection 160,000 Peak Amp Capacity (Type 1 SPD)

Voltage V AC	Configuration	Catalog Number	With Disconnect	Replacement Module
120/240 Single phase	1Ph. 3-wire +G	**HBL3P160B**	**HBL3P160DB**	**HBL160M120B**
120/208 Wye*	3Ph. Wye 4-wire +G	**HBL4P160B**	**HBL4P160DB**	**HBL160M120B**
240/120 Delta split phase	3Ph. Delta 4-wire +G 'High Leg'	**HBL6P160B**	**HBL6P160DB**	**HBL160M240B & HBL160M120B**
277/480 Wye**	3Ph. Wye 4-wire +G	**HBL8P160B**	**HBL8P160DB**	**HBL160M277B**
347/600 Wye	3Ph. Wye 4-wire +G	**HBL10P160B**	**HBL10P160DB**	**HBL160M600B**

HBL8P160DB

Service/Branch Panel Protection 120,000 Peak Amp Capacity (Type 1 SPD)

Voltage V AC	Configuration	Catalog Number	Replacement Module
120/240 Single Phase	1Ph. 3-wire +G	**HBL3P120B**	**HBL3P120BM**
120/208 Wye*	3Ph. Wye 4-wire +G	**HBL4P120B**	**HBL4P120BM**
240/120 Delta split phase	3Ph. Delta 4-wire +G 'High Leg'	**HBL6P120B**	**HBL6P120BM**
277/480 Wye**	3Ph. Wye 4-wire +G	**HBL8P120B**	**HBL8P120BM**
347/600 Wye	3Ph. Wye 4-wire +G	**HBL10P120B**	**HBL10P120BM**

Note: Units come standard with Surge Counter.
**120/208 Wye also applies to 127/220 Wye.*
***277/480 Wye also applies to 220/380 Wye, 230/400 Wye and 240/415 Wye.*

HBL8P120B

Wired-In Branch Panel Protection, Surge Arrestors and Surge Protective Devices

Wired-In Branch Panel Protection Type 2 SPD

- 100,000 Peak Amperage Capacity
- Ideal for areas where space is a major consideration
- Can be mounted directly to the panel through a chase nipple connection to reduce lead length and impedance
- NEMA 4X housing
- 200kA SCCR rating
- UL1449 4th edition

Wired-In Surge Arrestors and Surge Protective Devices Type 1 SPD

- 36,000, 40,000 and 50,000 Peak Amperage Capacity
- Surge arrestors are a low cost solution that may be installed on the line side or load side of the service entrance
- Excellent for OEM applications where size is an important variable
- Single phase wired-in surge protective devices feature a compact design
- NEMA 4X Rated
- UL1449 4th edition

Wired-In Branch Panel Protection 100,000 Peak Amp Capacity (Type 2 SPD)

Service Voltage V AC	Configuration	Catalog Number
120/240 Single Phase	1Ph. 3-wire +G	**HBL3W100C**
120/208 Wye*	3Ph. Wye 4-wire +G	**HBL4W100C**
240 Delta	3Ph. Delta 3-wire Corner Gnd$^{\Delta}$	**HBL5W100C**
240/120 Delta split phase	3Ph. Delta 4-wire +G 'High Leg'	**HBL6W100C**
277/480 Wye**	3Ph. Wye 4-wire +G	**HBL8W100C**
480 Delta	3Ph. Delta 3-wire Corner Gnd$^{\Delta}$	**HBL9W100C**
347/600 Wye	3Ph. Wye 4-wire +G	**HBL10W100C**
600 Delta	3Ph. Delta 3-wire Corner Gnd$^{\Delta}$	**HBL11W100C**

*Note: *120/208 Wye also applies to 127/220 Wye.*
**277/480 Wye also applies to 220/380 Wye, 230/400 Wye and 240/415 Wye.*
$^{\Delta}$Also can be used on ungrounded systems.

HBL9W100C

Wired-In Surge Arrestors, Single Phase and Three Phase (Type 1 SPD)

Service Voltage V AC	Configuration	Catalog Number
120/240 Single Phase	1Ph. 3-wire	**HBLSDSA36**
120/208 Wye*	3Ph. Wye 4-wire	**HBL4SA40**
240 Delta	3Ph. Delta 3-wire	**HBL5SA40**
277/480 Wye**	3Ph. Wye 4-wire	**HBL8SA40**
480 Delta	3Ph. Delta 3-wire	**HBL9SA40**
347/600 Wye	3Ph. Wye 4-wire	**HBL10SA40**
600 Delta	3Ph. Delta 3-wire	**HBL11SA40**

*Note: *120/208 Wye also applies to 127/220 Wye.*
***277/480 Wye also applies to 220/380 Wye, 230/400 Wye and 240/415 Wye.*
$^{\Delta}$Also can be used on ungrounded systems.

HBLSA40

HBLSDSA36

Wired-In High Quality Surge Protective Device (Type 1 SPD)

Service Voltage V AC	Configuration	Catalog Number
120/240 Single Phase	1Ph. 3-wire + G	**HBL3W50**

HBL3W50

SNAP*Connect*® Tamper Resistant Surge Receptacles

- Attractive Flush Fit
- Shallow Box Depth Means More Room for Wiring
- Meets NEC® Code for Tamper Resistant
- SNAP*Connect*® Eliminates Exposed Live Terminals on the Device

Protection

- Offers 240 joules of protection and 15 kA peak current rating
- Distinctive surge symbol provides quick visual identification
- Surge protection LED indicator flashes when surge protection is lost
- Audible alarm also provides user notification of surge protection loss. Muting screw allows user to turn alarm OFF once replacement has been scheduled

Installation

- SNAP*Connect*® devices reduce labor time during installation and when being serviced in the future
- Connectors available with solid or stranded leads
- Custom length leads available
- Push on wire option also available on SNAPConnectors

SNAP*Connect*® TR Surge Protection Receptacle with Power Indicating LED

	Hospital Grade ●		Commercial Grade	
Color	**15A 125V**	**20A 125V**	**15A 125V**	**20A 125V**
Blue	**SNAP8262S**	**SNAP8362S**	**SNAP5262S**	**SNAP5362S**
Gray	**SNAP8262GYS**	**SNAP8362GYS**	**SNAP5262GYS**	**SNAP5362GYS**
Ivory	**SNAP8262IS**	**SNAP8362IS**	**SNAP5262IS**	**SNAP5362IS**
Light Almond	**SNAP8262LAS**	**SNAP8362LAS**	**SNAP5262LAS**	**SNAP5362LAS**
Red	**SNAP8262RS**	**SNAP8362RS**	–	–
White	**SNAP8262WS**	**SNAP8362WS**	**SNAP5262WS**	**SNAP5362WS**

SNAP8362GYS

SNAP5262S

SNAP*Connect*® Right Angle Pigtailed Connector, 600V

Description	Solid	Stranded
Clear right angle terminal with 6 inch leads #12 AWG THHN/THWN-2; polycarbonate housing material	**SNAP1RA**	**SNAP2RA**

SNAP1RA

Surge Receptacles

SpikeShield® Specification Grade Duplex Receptacle

- Meets UL Standards UL1449 4th Edition and UL498
- Power-on indicator light
- Muting screw allows damage-alert alarm to be silenced until device is replaced
- Distinctive surge symbol provides quick visual identification of surge suppression receptacle
- Available in Hospital Grade and 4-PLEX®
- See page 6 for SNAP*Connect*® Tamper-Resistant Surge Receptacles

SpikeShield® Specification Grade Isolated Ground Duplex Receptacle

- IG triangle on the face of the receptacle clearly indicates isolated ground device on the face of the receptacle
- A “Clean” Path Provides A “Clean” Ground For Sensitive Equipment
- Power-on indicator light
- Meets UL Standards UL1449 4th Edition and UL498
- Available in Hospital Grade

SpikeShield®
Specification Grade Receptacles

Description	Color	Commercial Grade 15A	Commercial Grade 20A	Hospital Grade ● 15A	Hospital Grade ● 20A
Surge suppression duplex receptacles with light, 240 joules/15000A per mode.	Blue	**HBL5260SA**	**HBL5360SA**	**—**	**—**
	Ivory	**HBL5260ISA**	**HBL5360ISA**	**—**	**—**
	Office White	**HBL5260OWSA**	**HBL5360OWSA**	**—**	**—**
Surge suppression duplex receptacles with light and alarm, 240 joules/15000A per mode.	Almond	**HBL5262ALSA**	**HBL5362ALSA**	**HBL8262ALSA**	**HBL8362ALSA**
	Blue	**HBL5262SA**	**HBL5362SA**	**HBL8262SA**	**HBL8362SA**
	Gray	**HBL5262GYSA**	**HBL5362GYSA**	**HBL8262GYSA**	**HBL8362GYSA**
	Ivory	**HBL5262ISA**	**HBL5362ISA**	**HBL8262ISA**	**HBL8362ISA**
	Office White	**HBL5262OWSA**	**HBL5362OWSA**	**—**	**—**
	Red	**—**	**—**	**HBL8262RSA**	**HBL8362RSA**
	White	**HBL5262WSA**	**HBL5362WSA**	**HBL8262WSA**	**HBL8362WSA**
Isolated ground, surge suppression duplex receptacles with light and alarm, 240 joules/15000A per mode.	Blue	**IG5262SA**	**IG5362SA**	**IG8262SA**	**IG8362SA**
	Gray	**IG5262GYSA**	**IG5362GYSA**	**IG8262GYSA**	**IG8362GYSA**
	Ivory	**IG5262ISA**	**IG5362ISA**	**IG8262ISA**	**IG8362ISA**
	Office White	**IG5262OWSA**	**IG5362OWSA**	**—**	**—**
	Orange	**IG5262OSA**	**IG5362OSA**	**IG8262OSA**	**IG8362OSA**
	Red	**—**	**—**	**IG8262RSA**	**IG8362RSA**
	White	**IG5262WSA**	**IG5362WSA**	**IG8262WSA**	**IG8362WSA**
4-PLEX® surge suppression duplex receptacles with lights. 80 joules/6500A per mode.	Blue	**HBL415S**	**HBL420S**	**—**	**HBL420HS**
	Ivory	**HBL415IS**	**HBL420IS**	**—**	**HBL420HIS**
	Red	**—**	**—**		**HBL420HRS**

HBL5262GYSA

HBL8362ISA

IG8362OSA

4-PLEX® Accessories

Description	Color	Catalog Number
4-PLEX adapter plates for 1- and 2-gang device boxes (4-PLEX mounts directly to 4" (101.6) square device boxes.)	Blue	**HBL4APBL**
	Ivory	**HBL4API**
	Red	**HBL4APR**
4-PLEX portable box. Portable 4" (101.6) square box with one cord grip. Accepts up to .66" (16.8) diameter cord.	Ivory	**HBL4PBI**

Note: 4-PLEX® box is not UL Listed.

HBL420S

UL2930 Health Care Outlet Assembly (HCOA)

Hubbell's UL2930 HCOAs are the industry's first UL listed product for patient care areas. The product is available with or without L-N surge protection.

UL2930 Listed

Housing Design

- 15A and 20A 125V versions
- Surge protected models in all configurations
- Non-surge protected RPT models in all configurations

Cord

- 6 ft. or 15 ft. cord length
- 12/3 AWG cord on 15A and 20A models
- 45° angle plug (15A series)
- 90° angle plug (20A series)

Safety

- Tamper-resistant flip covers
- Green LED indicates surge protection working
- Hospital grade receptacles featuring Hubbell's industry best TR shutter design

Contacts

- Equipment grounding terminal

HBL6MG6

HBL6MGRPT620

UL2930 Health Care Outlet Assembly (HCOA)

Description	# of Outlets	Joule Rating	Cord Length	Color	15 Amp	20 Amp
UL2930 HCOA with L-N Surge Protection	6	550	6'	White	**HBL6MG6**	**HBL6MG620**
	6	550	15'	White	**HBL6MG15**	**HBL6MG1520**
UL2930 HCOA Relocatable Power Tap (RPT)	6	N/A	6'	White	**HBL6MGRPT6**	**HBL6MGRPT620**
	6	N/A	15'	White	**HBL6MGRPT15**	**HBL6MGRPT1520**

Healthcare Industry:

- Hospital Grade ● Tamper-Resistant Receptacles with a Hospital Grade ● Plug
- cULus 1449 4th Edition
- Heavy Duty Metal Housing
- Available with a 2-Port USB Charging Outlet

HBL6HGUSB6

HBL6SS620

Listed to UL1449 and UL1363

Industrial Grade:

- Tamper-Resistant Receptacles with a Heavy Duty Plug
- cULus Listed to UL1449 4th Edition, UL1363
- Heavy Duty Metal Housing

SpikeShield® Surge Protective Devices (SPD) with Tamper-Resistant Receptacles and Heavy Duty Plug

Description	# of Outlets	Joule Rating	Cord Length	Color	Healthcare Industry 15 Amp	Healthcare Industry 20 Amp	Industrial Grade 15 Amp	Industrial Grade 20 Amp
UL Type 3 SPD, Heavy Duty Metal Housing	6	1100	6'	White	**HBL6HG6**	**HBL6HG620**	**HBL6SS6**	**HBL6SS620**
	6	1100	15'	White	**HBL6HG15**	**HBL6HG1520**	**HBL6SS15**	**HBL6SS1520**
UL Type 3 SPD, Heavy Duty Metal Housing with 2-port USB	4	1100	6'	White	**HBL6HGUSB6**	—	—	—

Surge Strips

Non-Metallic Surge Strips

- Transformer spaced outlet(s)
- 15A resetable push on/off circuit breaker switch
- Power and ground indicating LEDs
- Available with Fax/Modem or Fax/Modem/CATV

High Visibility Yellow Surge Strips

- Metal housing with wire management and a six foot cord
- Three transformer spaced outlets (two on six outlet model)
- Power on breaker switch
- 350 joules/6.5kA rating
- $2,500 down line protection warranty*

Surge Strip with USB Ports

- Two USB ports for charging electronic devices and four transformer spaced outlets
- Black non-metallic housing with six foot cord and lighted power on switch
- Power and ground indicating LEDs
- Features 90° Angle Plug
- 1050 joules/19.5kA rating
- $10,000 down line protection warranty*

Metallic Strips

Description	# of Outlets	Joule Rating	Peak AMP Rating	Cord Length	Color	Down Line Warranty*	Catalog Number
Metal Power Strip (No surge protection)	6	N/A	N/A	6'	Office White	N/A	**HBL6MPS**
Metal Power Strip (No surge protection)	6	N/A	N/A	15'	Office White	N/A	**HBL6MPS15**
Metal SPD	6	1,050	19.5 kA	6'	Office White	$2,500	**HBL6MPS1050**
Metal SPD	6	1,050	19.5 kA	15'	Office White	$2,500	**HBL6MPS105015**
SPD w/Wire Management	6	350	6.5 kA	6'	Yellow	$2,500	**HBL6PS350YL**
SPD w/Wire Management	8	350	6.5 kA	6'	Yellow	$2,500	**HBL8PS350YL**

HBL6MPS

HBL6PS350YL

Non-Metallic Strips

Description	# of Outlets	Joule Rating	Peak AMP Rating	Cord Length	Color	Down Line Warranty*	Catalog Number
Power Strip (No surge protection)	6	N/A	N/A	6'	Office White	N/A	**HBL6PPS**
SPD	6	350	6.5 kA	6'	Office White	$2,500	**HBL6PS350A**
SPD	6	350	6.5 kA	15'	Office White	$2,500	**HBL6PS35015A**
SPD w/Fax/Modem	6	1,050	19.5 kA	6'	Office White	$2,500	**HBL6PS1050MA**
SPD	7	1,050	19.5 kA	6'	Office White	$10,000	**HBL7PS1050A**
SPD w/Fax/Modem	7	1,050	19.5 kA	6'	Office White	$10,000	**HBL7PS1050MA**
SPD	7	1,050	19.5 kA	15'	Office White	$10,000	**HBL7PS105015A**
SPD w/Fax/Modem/CATV	8	2,100	39 kA	6'	Office White	$25,000	**HBL8PS2100MA**

**See warranty information inside product box for details.*

HBL6PS350A

HBL8PS2100MA

Surge Strip with USB Port

Description	# of Outlets	Joule Rating	Peak AMP Rating	Cord Length	Color	Down Line Warranty*	Catalog Number
Non-metallic SPD with two USB ports and 90° Angle Plug	4	1,050	19.5 kA	6'	Black	$10,000	**HBL4PS1050USBA**

*See warranty information inside product box for details.

HBL4PS1050USBA

320kA, 160kA and 120kA Service/Branch Panel Protection (Type 1 SPD)

Electrical Specifications

					Voltage Protection Rating (VPR)							
					L-N		L-G		N-G		L-L	
320kA Panel	160kA Panel	SCCR◊	I_n	MCOV †	320kA	160kA	320kA	160kA	320kA	160kA	320kA	160kA
HBL3P320B	**HBL3P160B**	200kA	20kA	320/160	900	700	900	700	800	600	1500	1000
HBL4P320B	**HBL4P160B**	200kA	20kA	320/160	900	700	900	700	800	600	1500	1000
HBL5P320B	**HBL5P160B**	200kA	20kA	320/160	N/A	N/A	1500	1200	N/A	N/A	2000	1500
HBL6P320B	**HBL6P160B**	200kA	20kA	320/160	1000/1200	900/1500	900/1200	900/1200	800	700	1500	1500
HBL8P320B	**HBL8P160B**	200kA	20kA	320/160	1500	1200	1500	1200	1200	1200	2000	2500
HBL9P320B	**HBL9P160B**	200kA	20kA	320/160	N/A	N/A	1800	1800	N/A	N/A	2500	2500
HBL10P320B	**HBL10P160B**	200kA	20kA	320/160	1500	1500	1500	1500	1500	1500	2500	2500
HBL11P320B	**HBL11P160B**	200kA	20kA	320/160	N/A	N/A	3000	2500	N/A	N/A	2500	2500

Note: Specification applies to both (B) and (DB) series.

Product Specifications

Max. Surge Current per Phase:	320kA and 160kA	Terminal Accommodation:	#10 AWG to #2 AWG
Max. Operating Temperature:	-20°F to 149°F (-4°C to 65°C)	Operating Frequency:	50/60 Hz
Diagnostics Indicators:	Push to Test Diagnostics, Red and Green Status LEDs, Dry Contacts, Audible Alarm and Surge Counter	EMI/RFI:	Up to -30dB
		Housing Rating:	NEMA 1
		Listing:	cULus UL1449 4th edition type 1 SPD, UL1283 5th edition, CSA C22.2 No. 269.2-13 1st edition, CSA 22.2, No. 8-13, 5th edition.
Dimensions:	11.04"W x 22.44"H x 7.87"D (320kA); 11.04"W x 20.32"H x 5.32"D (160kA)		
Weight:	37 lbs. Max. (320kA); 27 lbs. Max. (160kA)		

Wired-In Branch Panel Protection 100,000 Peak Amp Capacity (Type 2 SPD)

Electrical Specifications

				Voltage Protection Rating (VPR)			
Catalog Number	SCCR◊	I_n	MCOV †	L-N	L-G	N-G	L-L
HBL3W100C	200kA	20kA	150/270	900	1200	700	1500
HBL4W100C	200kA	20kA	150/270	900	1200	700	1500
HBL5W100C	200kA	20kA	300	N/A	N/A	N/A	1500
HBL6W100C	200kA	20kA	275/150	1000	1200	700	1500
HBL8W100C	200kA	20kA	320/640	1200	2000	1000	2500
HBL9W100C	200kA	20kA	640	N/A	N/A	N/A	3000
HBL10W100C	200kA	20kA	390/780	1500	2500	1500	3000
HBL11W100C	200kA	20kA	780	N/A	N/A	N/A	3000

Product Specifications

Max. Surge Current per Phase:	100kA	Terminal Accommodation:	#10 AWG 18.0" Wire Leads
Max. Operating Temperature:	-40°F to 140°F (-4°C to 60°C)	Operating Frequency:	50/60 Hz
Diagnostics Indicators:	Green Status LEDs. Dry Contacts, Audible Alarm	EMI/RFI:	Up to -30dB
		Housing Rating:	Type 4X
Dimensions:	9.9"W x 4.8"H x 3.1"D	Listing:	cULus UL 1449 4th edition type 2 SPD, UL1283 (Wye prod. only), CSA C22.2 NO. 8-M1986
Weight:	4.78 lbs		
		Warranty:	10 year

Wired-In High-Quality Surge Protective Device, Surge Arrestors, Single Phase and Three Phase (Type 2 SPD)

Electrical Specifications

				Voltage Protection Rating (VPR)			
Catalog Number	SCCR◊	I_n	MCOV †	L-N	L-G	N-G	L-L
HBL3W50	25kA	10kA	150 (L-N, L-G), 300 (L-L)	700	800	N/A	1200
HBLSDSA36	22kA	10kA	150	700	N/A	N/A	1200
HBL4SA40	200kA	10kA	180 (L-N), 360 (L-L)	700	N/A	N/A	1200
HBL5SA40	200kA	10kA	360 (L-L)	N/A	N/A	N/A	1200
HBL8SA40	200kA	10kA	420 (L-N), 840 (L-L)	1500	N/A	N/A	2500
HBL9SA40	200kA	10kA	840 (L-L)	N/A	N/A	N/A	2500
HBL10SA40	200kA	10kA	510 (L-N), 1020 (L-L)	1800	N/A	N/A	3000
HBL11SA40	200kA	10kA	1020 (L-L)	N/A	N/A	N/A	3000

Product Specifications

Service Voltage	Single Phase	Single Phase	Three Phase
Max. Surge Current per Phase:	50kA	36kA	40kA
Max. Operating Temperature:	-40°F to 149°F (-40°C to 65°C)	-40°F to 149°F (-40°C to 65°C)	-40°F to 149°F (-40°C to 65°C)
Diagnostics Indicators:	Green Status LED per line	Green Status LED per line	Green Status LED per line
Dimensions:	3.0"W x 3.6"H x 2.67"D	2.25"W x 2.25"H x 1.94"D	3.60"W x 3.0"H x 2.64"D
Weight:	1.8 lbs.	.72 lbs.	1.8 lbs.
Terminal Accommodation:	#12 AWG Wire Leads	#14 AWG Wire Leads	#12 AWG Wire Leads
Frequency:	50/60 Hz	50/60 Hz	50/60 Hz
EMI/RFI:	Up to -30dB	Up to -30dB	Up to -30dB
Housing Rating:	Type 4X	Type 4X	Type 4X
Listing:	UL1449 4th edition	UL1449 4th edition	UL1449 4th edition
Warranty:	10 year	2 year	2 year

◊SCCR: Short Circuit Current Rating | † MCOV: Maximum Continuous Operating Voltage | ‡ In: Nominal discharge current

Surge Protection Receptacles

Typical Specification	Part	Duplex HBL5262SA/HBL5362SA SNAP5262S/SNAP5362S	4-PLEX® HBL4AP
Type–2 Pole, 3 Wire, Grounding	Receptacle	15A/20A	15A/20A
	Top	Nylon	Lexan®
	Base	Nylon	Lexan®
	Power Contact	.031" (.8) Brass	.032" (.8) Brass
	Contact Design	Tandem Modified Bypass	Triple Wipe
Rating–15A, 125V AC/20A, 125V AC	Mounting Strap	.050" (1.3) Steel-Zinc Coated	–
Certification–UL Listed File E2186	Clamping Plate	.031" (.8) Brass	.031" (.8) Brass-Line Terminal Plate
Listed to UL Standards 498 Receptacles			.031" (.8) Brass-Neutral-Terminal Plate
Meets UL1449 4th edition	Terminal Screws	Brass #8-32 (HBL only)	Brass #8-32
	Grounding Screw	Steel (Green) (HBL only)	Brass (Green)
CSA Certified to Specification C22.2 No. 42	Auto Grd. Clip	Stainless Steel	.050" (1.3) Ground Plate
ANSI/IEEE C62.41 (IEEE 587)	Mounting Screws	Steel-Zinc Plated	Brass
Installation Categories “A" (Ring Wave)	LED	Green	Green
“B" (Unidirectional Impulse)	Alarm Muting Screw	Nylon	–

Performance Electrical	Duplex/SNAP*Connect*®		4-PLEX®	
Frequency	60Hz		60Hz	
Voltage	120V AC + 10%–15%		20V AC + 10%–15%	
Response Time	Approximately 5 ns		Approximately 5 ns	
Protection Modes	Normal & Common Modes		Normal & Common Modes	
Transient Suppression	Peak Energy (10 X 100 µs)	Peak Current (8 X 20 µs)	Peak Energy (10 X 100 µs)	Peak Current (8 X 20 µs)
Normal Mode (L-N)	240 joules	15000A	80 joules	6500A
Common Mode (L-G), (N-G)	240 joules	15000A	80 joules	6500A
UL Voltage Protection Rating	600 L-N, 600 L-G, 1000 N-G		600 L-N, 600 L-G, 900 N-G	
EMI/RFI Attenuation at 50 Ohms Normal Mode	-40 dB			
Operating Temperature	32°F to 140°F (0°C to 60°C)		-40°F to 140°F (-40°C to 60°C)	
Flammability	UL 94V-2		UL 94V-2	

UL2930 Heatlhcare Outlet Assembly

Electrical Specifications	HBL6MG6/15	HBL6MG20/1520	HBL6MGRPT6/15	HBL6MGRPT20/1520
Current	15A	20A	15A	20A
Voltage	125V	125V	125V	125V
Frequency	60Hz	60Hz	60Hz	60Hz
Surge Component	MOV	MOV	n/a	n/a

Performance				
UL VPR	L-N	600V	n/a	n/a
	L-G, N-G	n/a		
EMI Noise Filtration:	-11 dB to -68 dB (10kHz to 100MHZ)			
In (Nominal Discharge Current)	3kA			
MCOV	150V			
Peak Current Rating L-N	30KA			
Leakage Current:	<.1mA			
Total Joules (L-N)	550j			

Environmental Specifications

Operating Temperature	-40°F to 160°F (-40°C to 70°C)

Certifications

UL 2930; UL File # E488399;
RoHs Compliant; NFPA 99 2012 ed;
ANSI/IEEE Category A (HBL6MG Series Only)

SpikeShield® Surge Protective Devices (SPD) with Industrial Grade Tamper-Resistant Receptacles & Heavy Duty Plug

Electrical Specifications	15 Amp HBL6SS/HBL6HG Series		20Amp HBL6SS/HBL6HG Series	
Current	15A		20A	
Voltage	125V		125V	
Frequency	60Hz		60Hz	
Surge Component	MOV		MOV	
Over Current Protection	15A CB		20A CB	
2-Port USB (HBL6HGUSB6)	5V DC Type A		n/a	
UL VPR	L-N	L-G	N-G	
	500V	600V	600V	
MCOV	150V			
Peak Current Rating L-N	30KA			
Leakage Current:	<.5mA			
EMI / RFI Noise Rejection	-11 dB to -68 dB (10kHz to 100MHZ)			
Total Joules (all modes)	1100j			

Certifications

cULus Listed to UL1449 4th Edition, UL1363 4th Edition
UL File # E143272
RoHs Compliant
NFPA 99 2012 ed
ANSI / IEEE Category A
cULus Listed to UL1310 (2-Port USB)

Environmental Specifications

Operating Temperature	-40°F to 160°F (-40°C to 70°C)

SpikeShield® Surge Protection Plug Strips

Operating Specifications	PS350 Series	MPS350 Series	PS350YL Series	PS1050 Series
Max. Cont. Operating Voltage	130	130	130	130
Operating Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Max Surge Current	6.5 kA	6.5 kA	6.5 kA	19.5 kA
Operating Temperature	----------	-40°F to 160°F (-40°C to 70°C)		----------
Performance				
UL Voltage Protection Rating	400V	400V	400V	400V
MI / RFI Noise Rejection	—	—	—	-20dB
Downline Warranty*	$2,500	$2,500	$2,500	$2,500 (6PS1050) $10,000 (all others)

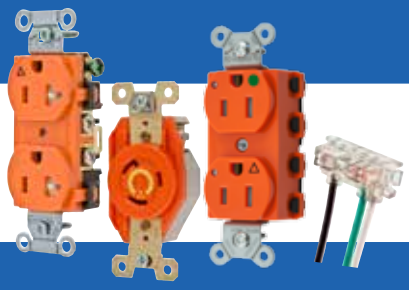
Dimensions

Series	Length	Width	Height
HBL6PS350/1050 Series & HBL6PPS	11.2" (284.5)	2.36" (59.9)	1.85" (47.0)
HBL7PS1050 Series	14.75" (374.7)	2.36" (59.9)	1.85" (47.0)
HBL6MPS Series	12.25" (311.2)	2.5" (63.5)	1.5" (38.1)
HBL6PS350YL	14.75" (374.7)	2.5" (63.5)	1.85" (47.0)
HBL8PS350YL	10.0" (254.0)	6.0" (152.4)	1.85" (47.0)
HBL4PS1050USB	10.38" (263.7))	3.81" (96.8)	1.44" (36.6)

*See warranty information inside product box for details.

Lexan® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.

Also Available from Hubbell



Isolated Ground Receptacles

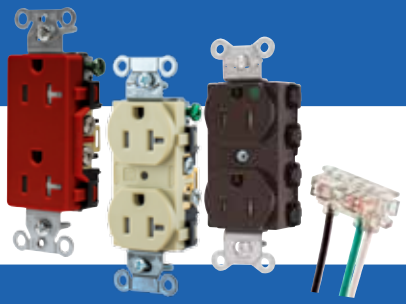
Isolated Ground Receptacles provide a clean noise-free ground. Hubbell's IG Receptacles are available in over 60 types of receptacles, including straight blade duplex, surge and Style Line® decorator, and locking single and locking duplex.

TrukTrak®

Non-metallic modular cable protectors safeguard electrical cables and cords from vehicle and pedestrian traffic. TrukTrak® is ideal for industrial environments using heavy trucks and fork lifts.

GFCI Receptacles

Hubbell offers the broadest line of Industrial Grade, Commercial Grade, Self-Test, Tamper-Resistant, and Weather Resistant Ground Fault Receptacles.



Tamper-Resistant Receptacles

Hubbell's Tamper-Resistant receptacles incorporate internal mechanisms to limit access to energized internal components.

GFCI Line Cords

Portable GFCI line cords provide ground fault for both indoors and out. Available in either manual or auto set with lengths of 18", 6' and 25' available.

GFCI Module

The 20A GFCI module can be panel- or box-mounted for protection of downstream wired receptacles or equipment. The GFM20 features a high impact, UV-resistant Type 3R housing with manual set.

Website Support

The Hubbell Wiring Systems website offers fast convenient information with our online virtual catalog, technical support, literature support and more. The website also offers landing pages for vertical markets and sustainable building. **Visit www.hubbell-wiring.com.**

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