

HUBBELL® Surge Protective Devices (SPD)

UL 1449 3rd Edition



SPIKESHIELD™



Wiring Device-Kellems

www.hubbell-wiring.com



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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 offering 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 UL 1449 third 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 3R 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's energy saving surge strip turns power off to peripherals when power is turned off to the master.
- Two USB ports in our four outlet model are ideal for charging smart phones, MP3 players, GPS devices.
- The remote switch model allows power to be turned off from a distance.
- 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 has the broadest offering of SPD receptacles in the industry 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, conformably 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



- Improved performance through the use of a low impedance bus-bar design
- Replaceable surge suppression modules
- Surge counter included in all units
- NEMA 3R enclosure
- LED and audible alarm status indicator
- UL 1449-3rd edition



120,000 Peak Amp Capacity



- 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
- UL 1449-3rd edition



Service/Branch Panel Protection 320,000 Peak Amp Capacity (Type 2 SPD)

Voltage V AC	Configuration	Catalog Number	With Disconnect	Replacement Module
120/240 Single phase	1Ph. 3-wire +G	HBL3P320A	HBL3P320DA	HBL320M120A
120/208 Wye*	3Ph. Wye 4-wire +G	HBL4P320A	HBL4P320DA	HBL320M120A
240/120 Delta split phase	3Ph. Delta 4-wire +G 'High Leg'	HBL6P320A	HBL6P320DA	HBL320M240A & HBL320M120A
277/480 Wye**	3Ph. Wye 4-wire +G	HBL8P320A	HBL8P320DA	HBL320M277A
347/600 Wye	3Ph. Wye 4-wire +G	HBL10P320A	HBL10P320DA	HBL320M347A



HBL4P320A

Service/Branch Panel Protection 160,000 Peak Amp Capacity (Type 2 SPD)

Voltage V AC	Configuration	Catalog Number	With Disconnect	Replacement Module
120/240 Single phase	1Ph. 3-wire +G	HBL3P160A	HBL3P160DA	HBL160M120A
120/208 Wye*	3Ph. Wye 4-wire +G	HBL4P160A	HBL4P160DA	HBL160M120A
240/120 Delta split phase	3Ph. Delta 4-wire +G 'High Leg'	HBL6P160A	HBL6P160DA	HBL160M240A & HBL160M120A
277/480 Wye**	3Ph. Wye 4-wire +G	HBL8P160A	HBL8P160DA	HBL160M277A
347/600 Wye	3Ph. Wye 4-wire +G	HBL10P160A	HBL10P160DA	HBL160M347A



HBL8P160DA

Service/Branch Panel Protection 120,000 Peak Amp Capacity (Type 2 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



HBL8P120A

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.



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

Wired-In Branch Panel Protection



- 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
- UL 1449-3rd edition



Wired-In Surge Arrestors and Surge Protective Devices



- 36,000, 40,000, 50,000 and 120,000 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
- UL 1449-3rd 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	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	HBL9W100C
347/600 Wye	3Ph. Wye 4-wire +G	HBL10W100C
600 Delta	3Ph. Delta 3-wire Corner Gnd	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.



HBL9W100C



HBLSDSA40

Wired-In Surge Arrestors, Single Phase 36,000 and Three Phase 40,000 (Type 1 / Type 2 SPD)

Service Voltage V AC	Configuration	Peak Amp Capacity	Mounting Means	Catalog Number
120/240 Single Phase	1Ph. 3-wire	36kA	Back Nipple Mount	HBLSDSA36
600V Max Three Phase	3Ph. 3-wire	40kA	Back Nipple Mount	HBLSDSA40



HBLSDSA36

Wired-In Surge Protective Devices 50,000 and 120,000 Peak Amp Capacity (Type 1/Type 2 SPD)

Service Voltage V AC	Configuration	Peak Amp Capacity	Mounting Means	Catalog Number
120/240 Single Phase	1Ph. 3-wire + G	50kA	Side Nipple Mount	HBL3W50
120/240 Single Phase	1Ph. 3-wire + G	120kA	Side Nipple Mount	HBL3W120



HBL3W50



Whole House and Utility Meter Surge Protection

Whole House Surge Protection



- Offers homeowners the ability to protect their entire house with one unit
- HBLWH80 offers power, telephone and coax protection



HomeGuard™ Meter-Mounted Residential Surge Protection



- Provides “Whole House Protection” at the utility meter socket
- System provides service entrance protection against lightning or other externally generated transients
- 120,000 peak amp capacity for single phase 200 amp meter sockets



Whole House Surge Protection (Type 2 SPD - HBLWH80 only)

Service Voltage V AC	Configuration	Peak Amp Capacity	Catalog Number
120/240 Single Phase	1Ph. 3-wire	80kA	HBLWH80

Utility Meter Surge Protection

Service Voltage V AC	Configuration	Peak Amp Capacity	Catalog Number
120/240 Single Phase	1Ph. 120/240V AC	120kA	HBL80MPC



HBLWH80



HBL80MPC

Hubbell HomeGuard™ meter-mount surge protector is pictured above, connected to local utility service. HomeGuard™ meter-mounted surge protection should be installed by your local utility service.



Surge Receptacles

SpikeShield™ Specification Grade Duplex Receptacle



- Meets UL Standards 1449 3rd Edition and 498
- 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®



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 1449 3rd Edition and 498
- Available in Hospital Grade



SpikeShield™ Specification Grade Receptacles



Description	Color	Standard Catalog Number		Hospital Grade Catalog Number	
		15A	20A	15A	20A
Surge suppression duplex receptacles with light, 240 joules/15000A per mode.	Blue	HBL5260SA	HBL5360SA	—	—
	Ivory	HBL5260ISA	HBL5360ISA	—	—
	Office White	HBL5260WSA	HBL5360WSA	—	—
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	—	—	IG8262OSA	IG8362OSA
	Red	IG5262OSA	IG5362OSA	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



4-PLEX® Accessories

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



Note: 4-PLEX® box is not UL Listed.





Surge Strips

Non-Metallic Surge Strips



- Transformer spaced outlet(s)
- 15A resettable push on/off circuit breaker switch
- Power and ground indicating LED's
- Available with Fax/Modem, Fax/Modem/CATV and Fax/Modem/CATV/DSS protection



High Visibility Yellow Surge Strips



- Metal housing.
- Three transformer spaced outlets (Two on six outlet model)
- Six foot cord.
- Wire management feature.
- Power on breaker switch.
- 350 joules/6.5kA rating.
- \$2,500 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 SPD	6	1,050	19.5 kA	6'	Office White	\$2,500	HBL6MPS1050
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
Heavy Duty SPD w/HBL5352 Receptacles	6	450	30 kA	6'	Black	N/A	HBL6PS
Heavy Duty SPD w/HBL8200HW Receptacles	6	450	30 kA	6'	Black	N/A	HBL6PSHG



HBL6MPS



HBL6PS



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
SPD w/Fax/Modem/CATV/DSS	8	2,100	39 kA	6'	Office White	\$25,000	HBL8PS2100DA



HBL6PS350A



HBL8PS2100MA

*See warranty information inside product box for details.

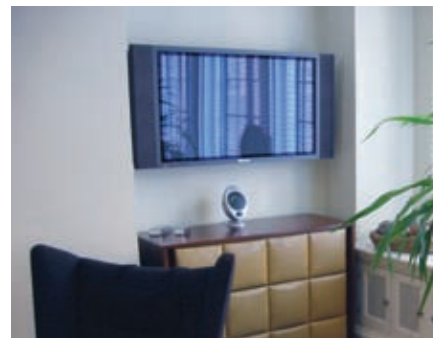


Specialty Surge Strips

Energy Saving Surge Strip



- Shuts down power to peripherals when the item plugged into the master is turned off
- Three uncontrolled transformer spaced outlets
- Six foot power cord
- 1050 joules / 19.5 kA rating
- \$10,000 down line protection warranty*



Surge Strip with USB Ports



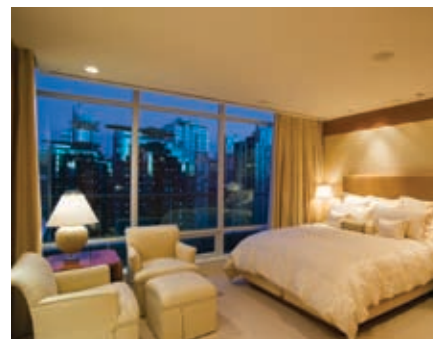
- Two USB ports for charging cameras, GPS, or MP3 players
- Four transformer spaced outlets
- Black non-metallic housing with six foot cord and lighted power on switch
- Power and ground indicating LED's
- 1050 joules/19.5kA rating
- \$10,000 down line protection warranty*



Surge Strip with Remote



- Four outlets controlled by transmitter
- Remote switch operated with keychain transmitter
- Two transformer spaced outlets
- Power and ground indicating LED's
- 2100 joules/39kA rating
- \$25,000 down line protection warranty*



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	4	1,050	19.5 kA	6'	Black	\$10,000	HBL4PS1050USB



HBL4PS1050USB

Surge Strip with Remote Switch

Description	# of Outlets	Joule Rating	Peak AMP Rating	Cord Length	Color	Down Line Warranty*	Catalog Number
Non-metallic remote switch SPD with one keychain control	6	2,100	39 kA	6'	Office White	\$25,000	HBL6RSPS2100



HBL6RSPS2100

Energy Saving Surge Strip

Description	# of Outlets	Joule Rating	Peak AMP Rating	Cord Length	Color	Down Line Warranty*	Catalog Number
Energy Saving SPD with master/slave design with fax/modem	8	1,050	19.5 kA	6'	Office White	\$10,000	HBL8ESPS1050M
Energy Saving SPD master/slave design with CATV protection	8	1,050	19.5 kA	6'	Office White	\$10,000	HBL8ESPS1050C



HBL8ESPS1050M

Cable TV Protection Cube

Description	# of Outlets	Joule Rating	Peak AMP Rating	Cord Length	Color	Down Line Warranty*	Catalog Number
Cable TV protection cube	N/A	N/A	N/A	N/A	Office White	N/A	HBLCATC



HBLCATC

*See warranty information inside product box for details.





Surge Panel Specifications

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

Electrical Specifications

Catalog Number	SCCR \diamond	In	MCOV \dagger	Voltage Protection Rating (VPR)				
				L-N	L-G	N-G	L-L	
HBL3P320A	HBL3P160A	200kA	20kA	150/300	700	700	700	1200
HBL4P320A	HBL4P160A	200kA	20kA	150/300	700	700	700	1200
HBL6P320A	HBL6P160A	200kA	20kA	270/150	1200/700	1200/700	700	1500/1000
HBL8P320A	HBL8P160A	200kA	20kA	320/640	1200	1200	1200	1200
HBL10P320A	HBL10P160A	200kA	20kA	420/840	1500	1500	1500	2500
HBL3P120B		200kA	20kA	150/270	700	700	700	1200
HBL4P120B		200kA	20kA	150/270	700	700	700	1200
HBL6P120B		200kA	20kA	275/150	1000/700	1000/700	700	1500/1200
HBL8P120B		200kA	20kA	320/640	1200	1200	1200	2000
HBL10P120B		200kA	20kA	390/780	1500	1500	1500	2500

Product Specifications

Max. Surge Current per Phase:	320kA, 160kA and 120kA		
Max. Operating Temperature:	-40°F to 149°F (-40°C to 65°C)		
Diagnostics:	Red & Green LED's, Diagnostic Test Switches, Dry Contacts, Audible Alarm, Surge Counter		
EMI/RFI:	Up to -30dB		
NEMA:	3R/12 Metallic		
Listing:	cULus UL1449-3rd edition type 2 SPD, UL1283, CSA C22.2 NO. 8-M1986		
Warranty:	10 year		
	320kA	160kA	120kA
Dimensions:	w/ Disconnect: 6.0"D x 20.0"W x 24.0"L w/o Disconnect: 6.0"D x 16.0"W x 20.0"L	w/ Disconnect: 6.0"D x 20.0"W x 24.0"L w/o Disconnect: 6.0"D x 16.0"W x 20.0"L	6.0"D x 20.0"W x 24.0"L
Weight:	with Disconnect: 50.6 lbs. without Disconnect: 38.7 lbs.	with Disconnect: 44 lbs. without Disconnect: 15 lbs.	17 lbs.
Terminal Accommodation:	#10 AWG to #2 AWG	#10 AWG to #2 AWG	#12 AWG to #2 AWG
Frequency:	50/60 Hz	50/60 Hz	50/60/400 Hz

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

Electrical Specifications

Catalog Number	SCCR \diamond	In	MCOV \dagger	Voltage Protection Rating (VPR)			
				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
HBLSDSA36	25kA	10kA	150	700	N/A	N/A	1200
HBLSDSA40	200kA	10kA	750/1500	2500	N/A	N/A	4000
HBL3W50	25kA	10kA	150/300	700	800	N/A	1200
HBL3W120	25kA	10kA	150/300	700	800	N/A	1200

Product Specifications

Max. Surge Current per Phase:	100kA	36kA / phase	40kA / phase	50kA and 120kA
Max. Operating Temperature:	-40°F to 140°F (-40°C to 60°C)	-40°F to +160°F (-40°C to +70°C)	-40°F to +160°F (-40°C to +70°C)	-40°F to +160°F (-40°C to +70°C)
Diagnostics:	Green Status LED's, Audible Alarm, Dry Contacts	Green Status LED per line	Green Status LED per line	Green Status LED per line
Dimensions:	3.1"D x 9.9"W x 4.8"H	1.9"D x 2.25"W x 2.25"H	2.64"D x 3.6"W x 3.0"H	2.7"D x 3.0"W x 3.6"H
Weight:	3 lbs.	.525 lbs.	1 lbs.	1.8 lbs.
Terminal Accommodation:	#10 AWG 18.0" Wire Leads	#14 AWG Wire Leads	#12 AWG Wire Leads	#12 AWG Wire Leads
Frequency:	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
EMI/RFI:	Up to -30dB	Up to -30dB	Up to -30dB	Up to -30dB
NEMA enclosure rating:	Type 4X	Type 4X	Type 4X	Type 4X
Listing:	cULus UL1449-3rd edition type 2 SPD, UL1283 (Wye prod. only), CSA C22.2 NO. 8-M1986	UL1449-3rd edition	UL1449-3rd edition	UL1449-3rd edition
Warranty:	10 year	2 year	2 year	10 year

Whole House and Utility Meter Surge Protection

Electrical Specifications

Catalog Number	SCCR \diamond	In \ddagger	MCOV \dagger	Voltage Protection Rating (VPR)			
				L-N	L-G	N-G	L-L
HBLWH80	200kA	10kA	150/270	900	1200	700	1500
HBL80MPC	10kA	10kA	150/per phase	700	N/A	N/A	N/A

\diamond SCCR: Short Circuit Current Rating

\dagger MCOV: Maximum Continuous Operating Voltage.

\ddagger In: Nominal discharge current

Product Specifications

	HBLWH80	HBL80MPC
Max. Surge Current per Phase:	80 kA / phase	60kA
Max. Total Surge Current:	—	120kA
Max. Operating Temperature:	-40°F to +160°F (-40°C to +70°C)	-10°F to 60°F (14°C to 140°C)
Diagnostics:	Green Status LED per line	Audible Alarm
Dimensions:	3.44"D x 5.93"W x 13.18"L	3.63"H x 8.73"W
Weight:	8.8 lbs	—
Terminal Accommodation:	Terminal Block	—
EMI/RFI:	—	Up to -20dB
Frequency:	—	60 Hz
NEMA:	NEMA 1	3R, 2 Meter Base, Non-Metallic
Listing:	UL 1449 3rd Edition	—
Warranty:	2 year	10 year
Max. Impulse Voltage (Telephone)	330V DC	—



Surge Protective Device Specifications

SpikeShield® Surge Protection Plug Strips

	PS350 Series	MPS350 Series	PS350YL Series	PS1050 Series	PS2100 Series	6PS Series	HBLCATC
Operating Specifications							
Max. Cont. Operating Voltage	130	130	130	130	130	130	24Vpk
Operating Frequency	50/60 Hz	50/60 Hz	50/60 Hz	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	39.0 kA	30.0 kA	200
Operating Temperature	----- -40°F to 160°F (-40°C to 70°C) -----						
Performance							
UL Voltage Protection Rating	400V	400V	400V	400V	400V	500V	45V
MI / RFI Noise Rejection	—	—	—	-20dB	-20dB	-20dB	—
Warranty							
Downline Warranty*	\$2,500	\$2,500	\$2,500	\$2,500 (6PS1050) \$10,000 (all others)	\$25,000	—	—
Physical Specifications							
Housing Type	ABS	Metal	Metal	ABS	ABS	Metal	ABS
Color	Office White	Office White	Yellow	Office White "USB" version is black	Office White	Black	Office White

*See warranty information inside product box for details.

Dimensions

	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)
HBL8ESPS Series	10.4" (264.2)	3.8" (96.5)	1.44" (36.6)
HBL6RSPS Series	9.12" (231.6)	4.4" (111.8)	1.68" (42.7)
HBL4PS1050USB	10.38" (263.7)	3.81" (96.8)	1.44" (36.6)

Surge Protection Receptacles

Typical Specification—HBL5262SA/HBL5362SA	Part	Duplex	4-PLEX®
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 UL1449-2.5	Terminal Screws	Brass #8-32	Brass #8-32
	Grounding Screw	Steel (Green)	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	Red	Green
"B" (Unidirectional Impulse)	Alarm Muting Screw	Nylon	—

Performance

Electrical	Duplex	4-PLEX®
Frequency	60Hz	60Hz
Voltage	120V AC + 10%–15%	120V AC + 10%–15%
Response Time	Approximately 5 ns	Approximately 5 ns
Protection Modes	Normal and Common Modes	Normal and Common Modes
Transient Suppression	Peak Energy (10 X 100 μs)	Peak Energy (8 X 20 μs)
Normal Mode (L-N)	240 joules	80 joules
Common Mode (L-G), (N-G)	240 joules	80 joules
UL Voltage Protection Rating	600 L-N, 600 L-G	1000 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

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 duplex.



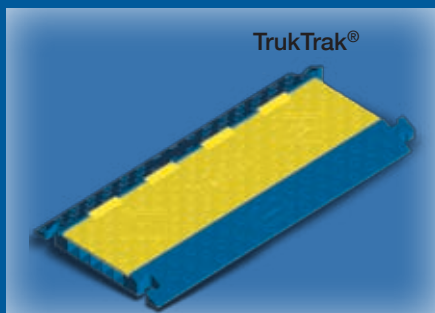
GFCI Line Cords

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.



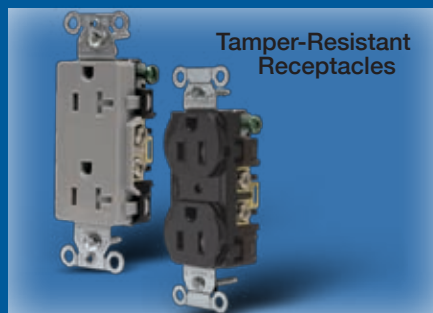
GFCI Receptacles

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



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.



Tamper-Resistant Receptacles

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



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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