

## Wired-In Surge Arrestors and Protective Devices

Surge Arrestors are a low cost solution that may be installed on the line side or load side of the service entrance. These are also excellent for OEM applications where size is an important variable.

Hubbell's 50kA single phase wired-in high-quality surge protective device features a compact design, NEMA 4X rating and are UL1449 4th edition listed.

- 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



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

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

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

Service Voltage	Configuration	Peak Amp Capacity	Mounting Means	Catalog Number
120/240V AC Single Phase	1Ph. 3-wire	36kA	Back Nipple Mount	<b>HBLSDSA36</b>
120/208V AC Wye*	3Ph. 4-wire	40kA	Back Nipple Mount	<b>HBL4SA40</b>
240V AC Delta	3Ph. 3-wire	40kA	Back Nipple Mount	<b>HBL5SA40</b>
277/480V AC Wye**	3Ph. 4-wire	40kA	Back Nipple Mount	<b>HBL8SA40</b>
480V AC Delta	3Ph. 3-wire	40kA	Back Nipple Mount	<b>HBL9SA40</b>
347/600V AC Wye	3Ph. 4-wire	40kA	Back Nipple Mount	<b>HBL10SA40</b>
600V AC Delta	3Ph. 3-wire	40kA	Back Nipple Mount	<b>HBL11SA40</b>

### Electrical Specifications

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

Note:  $\diamond$  SCCR - Short Circuit Current Rating.  $\dagger$  MCOV - Maximum Continuous Operating Voltage.  $I_n$  - Nominal discharge current.

### 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