

SpikeShield® Power Quality Products

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. These are also excellent for OEM applications where size is an important variable.

Hubbell's 50kA and 120kA single phase wired-in surge protective devices feature a compact design, NEMA 4X rating and are UL 1449-3rd edition listed.



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

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

Electrical Specifications

Catalog Number	SCCR \diamond	I_n	MCOV \dagger	Voltage Protection Rating (VPR)			
				L-N	L-G	N-G	L-L
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	700	800	N/A	1200
HBL3W120	25kA	10kA	150	700	800	N/A	1200

Note: \diamond SCCR - Short Circuit Current Rating.

\dagger MCOV - Maximum Continuous Operating Voltage.

I_n - Nominal discharge current.

Product Specifications

Max. Surge Current per Phase:	36kA	40kA	50kA and 120kA
Max. Operating Temperature:	-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 per line	Green Status LED per line	Green Status LED per line
Dimensions:	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:	.525 lbs.	1 lbs.	1.8 lbs.
Terminal Accommodation:	#14 AWG Wire Leads	#12 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
NEMA:	Type 4X	Type 4X	Type 4X
Listing:	UL1449-3rd edition	UL1449-3rd edition	UL1449-3rd edition
Warranty:	2 year	2 year	10 year