

The SpikeShield® service entrance product line includes a line of panels with replaceable modules. This series features improved performance through the use of a low impedance bus-bar design and easily replaceable bolt-down modules.

They incorporate a modular (replaceable surge suppression modules) design and feature the latest industry approvals and safety ratings. Including UL 1449-3rd edition.



HBL4P320A



HBL8P160DA

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	HBL160M120A
120/208 Wye*	3Ph. Wye 4-wire +G	HBL4P320A	HBL4P320DA	HBL160M120A
240/120 Delta split phase	3Ph. Delta 4-wire +G 'High Leg'	HBL6P320A	HBL6P320DA	HBL160M240A & HBL160M120A
277/480 Wye**	3Ph. Wye 4-wire +G	HBL8P320A	HBL8P320DA	HBL160M480A
347/600 Wye	3Ph. Wye 4-wire +G	HBL10P320A	HBL10P320DA	HBL160M600A

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	HBL160M480A
347/600 Wye	3Ph. Wye 4-wire +G	HBL10P160A	HBL10P160DA	HBL160M600A

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.

Electrical Specifications

Catalog Number	SCCR \diamond	I_n	MCOV \ddagger	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

Note: \diamond SCCR - Short Circuit Current Rating.

\ddagger MCOV - Maximum Continuous Operating Voltage.

I_n - Nominal discharge current.

Product Specifications

Max. Surge Current per Phase:	320kA and 160kA
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
Dimensions (Wye):	6.0"D x 20.0"W x 24.0"L (with Disconnect); 6.0"D x 12.0"W x 12.0"L (without Disconnect)
Dimensions (Delta):	6.0"D x 16.0"W x 20.0"L (with Disconnect); 7.0"D x 14.0"W x 16.0"L (without Disconnect),
Weight (320kA):	54 lbs. (without Disconnect), 57.5 lbs. (with Disconnect)
Weight (160kA):	21.9 lbs. (without Disconnect), 21.8lbs. (with Disconnect)
Terminal Accommodation:	#10 AWG to #2 AWG
Frequency:	50/60 Hz
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