

SpikeShield® Power Quality Products

120kA Service/Branch Panel Protection

Ordering Information and Specifications



The SpikeShield® 120kA branch panel product offering features an economical, compact, modular design.

These wired-in products can protect branch panels, safety switches and load centers. They can be installed as an appendage or flush mounted to a finished wall next to the panel. The versatility of the wired-in products allows them to be used on branch panels, as well as main panel protection found in smaller commercial facilities or residential applications.



HBL8P120B

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

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 \dagger	Voltage Protection Rating (VPR)			
				L-N	L-G	N-G	L-L
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

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:	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
Dimensions:	6.0"D x 20.0"W x 24.0"L
Weight:	17 lbs.
Terminal Accommodation:	#12 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