

120kA Service/Branch Panel Protection

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

- Economical, compact, modular design
- Protect branch panels, safety switches and load centers
- Surge counter included in all units
- NEMA 1 enclosure
- LED and audible alarm status indicator
- UL1449 4th edition



HBL8P120C

Service/Branch Panel Protection 120,000 Peak Amp Capacity (Type 1 SPD)

Voltage V AC	Configuration	Catalog Number	Replacement Module
120/240V AC Single Phase	1Ph. 3-wire +G	HBL3P120C	HBL3P120CM
120/208V AC Wye*	3Ph. Wye 4-wire +G	HBL4P120C	HBL4P120CM
240/120V AC Delta split phase	3Ph. Delta 4-wire +G 'High Leg'	HBL6P120C	HBL6P120CMAC & HBL6P120CMB
277/480V AC Wye**	3Ph. Wye 4-wire +G	HBL8P120C	HBL8P120CM
480V AC Delta	3Ph. Delta 3-wire Corner Gnd ^Δ	HBL9P120C	HBL9P120CM
347/600V AC Wye	3Ph. Wye 4-wire +G	HBL10P120C	HBL10P120CM
600V AC Delta	3Ph. Delta 3-wire Corner Gnd ^Δ	HBL11P120C	HBL11P120CM

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

120kA Panel	SCCR [◇]	I _n	MCOV [†]	Voltage Protection Rating (VPR)			
				L-N	L-G	N-G	L-L
HBL3P120C	200kA	20kA	120	700	700	600	1000
HBL4P120C	200kA	20kA	120	700	700	600	1000
HBL6P120C	200kA	20kA	120	700/1000	700/1000	600	1200
HBL8P120C	200kA	20kA	120	1200	1200	1000	2000
HBL9P120C	200kA	20kA	120	N/A	1800	N/A	2000
HBL10P120C	200kA	20kA	120	1500	1500	1200	2500
HBL11P120C	200kA	20kA	120	N/A	2500	N/A	2500

Note: [◇] SCCR - Short Circuit Current Rating. [†] 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 Indicators:	Push to Test Diagnostics, Red and Green Status LED's, Dry Contacts, Audible Alarm and Surge Counter
Dimensions:	11.04"W x 11.44"H x 5.32"D
Weight:	23.0 lbs. Max.
Terminal Accommodation:	#10 AWG to #2 AWG
Operating Frequency:	50/60/400 Hz
EMI/RFI:	Up to -30dB
Housing Rating:	NEMA 1
Listing:	cULus UL1449 4th edition type 1 SPD, UL1283 5th edition, CSA C22.2 No. 269.2-13 1st edition, CSA 22.2, No. 8-13, 5th edition.
Warranty:	10 year