

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	-
120/208V AC Wye*	3Ph. Wye 4-wire +G	HBL4P120C	-
277/480V AC Wye**	3Ph. Wye 4-wire +G	HBL8P120C	-
347/600V AC Wye	3Ph. Wye 4-wire +G	HBL10P120C	HBL10P120CM

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.

(1) Not available in stainless steel for 320 and 480 kA

(2) Do not use on undergrounded systems. Systems must be solidly grounded

(3) 208Y/120 series also applies to the following voltage 220Y/127

(4) Can be used on 4-wire or 3-wire grounded wye systems with or without neutral

(5) 480Y/277 series applies to the following voltages 380Y/220, 400Y/230, and 415Y/240

(6) 480 V Delta series also applies to the following voltage 480Y/277V HRG

(7) 600 V Delta series also applies to the following voltage 600Y/347V HRG

Electrical Specifications

120kA Panel	SCCR \diamond	I_n	MCOV \dagger	Voltage Protection Rating (VPR)			
				L-N	L-G	N-G	L-L
HBL3P120C	200kA	20kA	150V	700	700	600	1000
HBL4P120C	200kA	20kA	150V	700	700	600	1000
HBL8P120C	200kA	20kA	320V	1200	1200	1000	2000
HBL10P120C	200kA	20kA	420V	1500	1500	1200	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 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