

## 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	<b>HBL3P120C</b>	<b>HBL3P120CM</b>
120/208V AC Wye*	3Ph. Wye 4-wire +G	<b>HBL4P120C</b>	<b>HBL4P120CM</b>
240/120V AC Delta split phase	3Ph. Delta 4-wire +G 'High Leg'	<b>HBL6P120C</b>	<b>HBL6P120CMAC &amp; HBL6P120CMB</b>
277/480V AC Wye**	3Ph. Wye 4-wire +G	<b>HBL8P120C</b>	<b>HBL8P120CM</b>
480V AC Delta	3Ph. Delta 3-wire Corner Gnd <sup>Δ</sup>	<b>HBL9P120C</b>	<b>HBL9P120CM</b>
347/600V AC Wye	3Ph. Wye 4-wire +G	<b>HBL10P120C</b>	<b>HBL10P120CM</b>
600V AC Delta	3Ph. Delta 3-wire Corner Gnd <sup>Δ</sup>	<b>HBL11P120C</b>	<b>HBL11P120CM</b>

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 <sup>◇</sup>	I <sub>n</sub>	MCOV <sup>†</sup>	Voltage Protection Rating (VPR)			
				L-N	L-G	N-G	L-L
<b>HBL3P120C</b>	200kA	20kA	120	700	700	600	1000
<b>HBL4P120C</b>	200kA	20kA	120	700	700	600	1000
<b>HBL6P120C</b>	200kA	20kA	120	700/1000	700/1000	600	1200
<b>HBL8P120C</b>	200kA	20kA	120	1200	1200	1000	2000
<b>HBL9P120C</b>	200kA	20kA	120	N/A	1800	N/A	2000
<b>HBL10P120C</b>	200kA	20kA	120	1500	1500	1200	2500
<b>HBL11P120C</b>	200kA	20kA	120	N/A	2500	N/A	2500

Note: <sup>◇</sup> SCCR - Short Circuit Current Rating. <sup>†</sup> MCOV - Maximum Continuous Operating Voltage. I<sub>n</sub> - 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