



### MOV BASE CONFIGURATION

System Voltage (50/60Hz)	120V	120/240V	230V*	277V
<b>Phase Configuration</b>	Single-phase	Split-phase	Single-phase	Single-phase
<b>Model Number</b> (MOV-based product)	SBM100-120-1A6†	SBM100-120/240-2A6†	SBM100-230-1A6†	SBM100-277-1A6†
<b>Single-Pulse Surge Current Capacity</b>				
<b>Per Phase</b>	100kA	100kA	100kA	100kA
<b>Per Mode</b>				
Line-to-Neutral	50kA	50kA	50kA	50kA
Line-to-Ground	50kA	50kA	50kA	50kA
Neutral-to-Ground	50kA	50kA	50kA	50kA
Line-to-Line	n/a	50kA	n/a	n/a
<b>Varistor Maximum Continuous Operating Voltage (MCOV)</b>	150	150	300	320
<b>Repetitive Surge-Current Capacity (20kV / 10kA)</b>	2500	2500	2500	2500
<b>UL 1449 Let-Through Voltage Rating</b>				
Line-to-Neutral	400	500	800	800
Line-to-Ground	500	500	800	900
Neutral-to-Ground	500	700	900	900
Line-to-Line	n/a	800	n/a	n/a
<b>Additional Clamping Voltages</b>				
<b>B3 Ringwave (6kV / 500A)</b>				
Line-to-Neutral	408	408	749	800
Line-to-Ground	421	421	763	821
Neutral-to-Ground	552	552	976	1008
Line-to-Line	n/a	744	n/a	n/a
<b>B3/C1 Combination Wave (6kV / 3kA)</b>				
Line-to-Neutral	437	437	811	896
Line-to-Ground	448	448	821	869
Neutral-to-Ground	672	672	880	944
Line-to-Line	n/a	800	n/a	n/a
<b>C3 Combination Wave (20kV / 10kA)</b>				
Line-to-Neutral	571	571	997	1104
Line-to-Ground	592	592	987	1077
Neutral-to-Ground	896	896	1280	1360
Line-to-Line	n/a	971	n/a	n/a
<b>Dimensions – inches (centimeters)</b>				
Height	11.69 (29.69)	13.69 (34.77)	11.69 (29.69)	11.69 (29.69)
Width	8.40 (21.34)	10.40 (26.42)	8.40 (21.34)	8.40 (21.34)
Depth	7.94 (20.17)	7.94 (20.17)	7.94 (20.17)	7.94 (20.17)
<b>Enclosure Size</b> (see page 17 for details)	B	D	B	B
<b>Unit Weight</b> (approx.) – pounds (kilograms)	10 (4.5)	14.5 (6.6)	10 (4.5)	10 (4.5)

### ADDITIONAL CONFIGURATIONS

#### MOV/SAD Hybrid

Model Number	SBS100-120-1A6†	SBS100-120/240-2A6†	SBS100-230-1A6†	SBS100-277-1A6†
<b>UL 1449 Let-Through Voltage Rating</b> (enhanced rating)				
Line-to-Neutral	330	330	600	600
Line-to-Ground	500	500	800	900
Neutral-to-Ground	500	700	900	900
Line-to-Line	n/a	600	n/a	n/a

#### MOV/Filter Hybrid

Model Number	SBC100-120-1A6†	SBC100-120/240-2A6†	SBC100-230-1A6†	SBC100-277-1A6†
<b>Filter Attenuation</b> (dB – 50 ft. Noise Source)	L-N	L-N/L-L	L-N	L-N
100kHz	-50	-50	-50	-50
1MHz	-32	-32	-32	-32
10MHz	-33	-33	-33	-33
100MHz	-47	-47	-47	-47

#### MOV/SAD/Filter Hybrid

Model Number	SBH100-120-1A6†	SBH100-120/240-2A6†	SBH100-230-1A6†	SBH100-277-1A6†
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\*CE compliant

† Monitoring option. See page 18.