



MOV BASE CONFIGURATION

System Voltage (50/60Hz)	120V	120/240V	230V*	277V
Phase Configuration	Single-phase	Split-phase	Single-phase	Single-phase
Model Number (MOV-based product)	SBM200-120-1A6†	SBM200-120/240-2A6†	SBM200-230-1A6†	SBM200-277-1A6†
Single-Pulse Surge Current Capacity				
Per Phase	200kA	200kA	200kA	200kA
Per Mode				
Line-to-Neutral	100kA	100kA	100kA	100kA
Line-to-Ground	100kA	100kA	100kA	100kA
Neutral-to-Ground	100kA	100kA	100kA	100kA
Line-to-Line	n/a	100kA	n/a	n/a
Varistor Maximum Continuous Operating Voltage (MCOV)	150	150	300	320
Repetitive Surge-Current Capacity (20kV / 10kA)	2500	2500	2500	2500
UL 1449 Let-Through Voltage Rating				
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
Additional Clamping Voltages				
B3 Ringwave (6kV / 500A)				
Line-to-Neutral	413	413	728	811
Line-to-Ground	424	424	733	773
Neutral-to-Ground	600	600	992	976
Line-to-Line	n/a	723	n/a	n/a
B3/C1 Combination Wave (6kV / 3kA)				
Line-to-Neutral	416	416	805	848
Line-to-Ground	427	427	821	821
Neutral-to-Ground	560	560	912	912
Line-to-Line	n/a	768	n/a	n/a
C3 Combination Wave (20kV / 10kA)				
Line-to-Neutral	549	549	971	1045
Line-to-Ground	560	560	955	981
Neutral-to-Ground	800	800	1280	1280
Line-to-Line	n/a	912	n/a	n/a
Dimensions – inches (centimeters)				
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)
Enclosure Size (see page 17 for details)	B	D	B	B
Unit Weight (approx.) – pounds (kilograms)	10 (4.5)	14.5 (6.6)	10 (4.5)	10 (4.5)

ADDITIONAL CONFIGURATIONS

MOV/SAD Hybrid

Model Number	SBS200-120-1A6†	SBS200-120/240-2A6†	SBS200-230-1A6†	SBS200-277-1A6†
UL 1449 Let-Through Voltage Rating (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	SBC200-120-1A6†	SBC200-120/240-2A6†	SBC200-230-1A6†	SBC200-277-1A6†
Filter Attenuation (dB – 50 ft. Noise Source)				
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	SBH200-120-1A6†	SBH200-120/240-2A6†	SBH200-230-1A6†	SBH200-277-1A6†
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*CE compliant

† Monitoring option. See page 18.