



### 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 (MOV-based product)</b>	SBM400-120-1A6†	SBM400-120/240-2A6†	SBM400-230-1A6†	SBM400-277-1A6†
<b>Single-Pulse Surge Current Capacity</b>				
<b>Per Phase</b>	400kA	400kA	400kA	400kA
<b>Per Mode</b>				
Line-to-Neutral	200kA	200kA	200kA	200kA
Line-to-Ground	200kA	200kA	200kA	200kA
Neutral-to-Ground	200kA	200kA	200kA	200kA
Line-to-Line	n/a	200kA	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	733	795
Line-to-Ground	416	416	725	741
Neutral-to-Ground	608	608	824	880
Line-to-Line	n/a	701	n/a	n/a
<b>B3/C1 Combination Wave (6kV / 3kA)</b>				
Line-to-Neutral	421	421	752	789
Line-to-Ground	411	411	741	784
Neutral-to-Ground	544	544	912	928
Line-to-Line	n/a	731	n/a	n/a
<b>C3 Combination Wave (20kV / 10kA)</b>				
Line-to-Neutral	533	533	885	965
Line-to-Ground	528	528	875	933
Neutral-to-Ground	752	752	1392	1392
Line-to-Line	n/a	864	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 (see page 17 for details)</b>	B	D	B	B
<b>Unit Weight (approx.) – pounds (kilograms)</b>	14.5 (6.6)	22.0 (10.0)	14.5 (6.6)	14.5 (6.6)

### ADDITIONAL CONFIGURATIONS

#### MOV/SAD Hybrid

Model Number	SBS400-120-1A6†	SBS400-120/240-2A6†	SBS400-230-1A6†	SBS400-277-1A6†
<b>UL 1449 Let-Through Voltage Rating (enhanced rating)</b>				
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	SBC400-120-1A6†	SBC400-120/240-2A6†	SBC400-230-1A6†	SBC400-277-1A6†
<b>Filter Attenuation (dB – 50 ft. Noise Source)</b>	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

<b>Model Number</b>	n/a	n/a	n/a	n/a
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\*CE compliant

† Monitoring option. See page 18.