



MOV BASE CONFIGURATION

System Voltage (50/60Hz)	120/208V	400/230V*	480/277V
Phase Configuration	Three-phase WYE	Three-phase WYE	Three-phase WYE
Model Number (MOV-based product)	SBM400-208/120-3A6†	SBM400-400/230-3A6†	SBM400-480/277-3A6†
Single-Pulse Surge Current Capacity			
Per Phase	400kA	400kA	400kA
Per Mode			
Line-to-Neutral	200kA	200kA	200kA
Line-to-Ground	200kA	200kA	200kA
Neutral-to-Ground	200kA	200kA	200kA
Line-to-Line	200kA	200kA	200kA
Varistor Maximum Continuous Operating Voltage (MCOV)	150	300	320
Repetitive Surge-Current Capacity (20kV / 10kA)	2500	2500	2500
UL 1449 Let-Through Voltage Rating			
Line-to-Neutral	500	800	900
Line-to-Ground	500	900	900
Neutral-to-Ground	600	1000	1000
Line-to-Line	800	1500	1800
Additional Clamping Voltages			
B3 Ringwave (6kV / 500A)			
Line-to-Neutral	408	733	795
Line-to-Ground	416	725	741
Neutral-to-Ground	608	824	880
Line-to-Line	701	1323	1520
B3/C1 Combination Wave (6kV / 3kA)			
Line-to-Neutral	421	752	789
Line-to-Ground	411	741	784
Neutral-to-Ground	544	912	928
Line-to-Line	731	1392	1595
C3 Combination Wave (20kV / 10kA)			
Line-to-Neutral	533	885	965
Line-to-Ground	528	875	933
Neutral-to-Ground	752	1392	1392
Line-to-Line	864	1584	1915
Dimensions – inches (centimeters)			
Height	13.69 (34.77)	13.69 (34.77)	13.69 (34.77)
Width	12.40 (31.50)	12.40 (31.50)	12.40 (31.50)
Depth	7.94 (20.17)	7.94 (20.17)	7.94 (20.17)
Enclosure Size (see page 17 for details)	E	E	E
Unit Weight (approx.) – pounds (kilograms)	25.5 (11.6)	25.5 (11.6)	25.5 (11.6)

ADDITIONAL CONFIGURATIONS

MOV/SAD Hybrid			
Model Number	SBS400-208/120-3A6†	SBS400-400/230-3A6†	SBS400-480/277-3A6†
UL 1449 Let-Through Voltage Rating (enhanced rating)			
Line-to Neutral	330	600	700
Line-to Ground	500	900	900
Neutral-to-Ground	600	1000	1000
Line-to-Line	700	1200	1200
MOV/Filter Hybrid			
Model Number	SBC400-208/120-3A6†	SBC400-400/230-3A6†	SBC400-480/277-3A6†
Filter Attenuation (dB – 50 ft. Noise Source)	L-N/L-L	L-N/L-L	L-N/L-L
100kHz	-50	-50	-50
1MHz	-32	-32	-32
10MHz	-33	-33	-33
100MHz	-47	-47	-47
MOV/SAD/Filter Hybrid			
Model Number	n/a	n/a	n/a

*CE compliant

† Monitoring option. See page 18.