

BSMJ系列自愈式低电压并联电容器SELF HEALING LOW VOLTAGE SHUNT CAPACITOR



■ 特点 Characteristics

- 1、体积小，重量轻：由于使用金属化聚丙烯薄膜新材料作为介质，体积、重量仅为老产品的 1/4 或 1/5。
- 2、损耗低，实际值低于 0.10%，所以电容器自身损耗很低，发热小，温升低，工作寿命长，节能效果更佳。
- 3、优良的自愈性能：过电压所造成介质局部击穿能迅速自愈，恢复正常工作，使可靠性大为提高。
- 4、安全性：内装自放电电阻和保险装置。内装放电电阻能使电容器上所储的电流转动泄放掉；当电容器发生故障时，保险装置及时断开电源，避免故障进一步发展，确保使用安全。
- 5、不漏油：本电容器采用先进的半固体浸渍剂，滴熔点高于 70℃，在使用过程中不漏油，避免了环境污染，电容器也不会因漏油而失效

1 Small volume, light weight: it is only 1/4 and 1/5 of the weight and volume often outdated products respectively.

2 Low loss: With the actual loss than 0.1, little radiation, low temperature rise, and good energy conservation effect.

3 Excellent self-healing performance: When a part of fed through due to the overvoltage, it is capable of self-healing so as to continue the operation, therefore the reliability is improved greatly.

4 Safety: Equipped with self-discharging resistant safety devices inside, the inner discharging resistant can make the attached electric discharge when there is wrong with capacitor, the fuse equipment can cut out the electric power, so that no more trouble with capacitor, safety and reliable.

5 without oil leakage: this product adopted advanced half-solid soak materials drips melting point higher than 70℃, avoid leakage during operation and protect the environment, the capacitor will not use since the leakage.

■ 技术指标 Technical characteristics

额定电压: 230VAC 250VAC 400VAC 415VAC 450VAC 525VAC 690VAC

额定容量: 1-50kvar

容量允差: -5--+10%

损耗角正切值: 低于 0.10%

极间耐压: 2.15Un.2s

极壳间耐压: 3kV(AC)10s

绝缘性: 极壳间 500VDC 1 分钟大 1000MΩ

最高过电压: 额定电压的 110%

最高多电流: 额定电流的 130%

自放电特性: 断开电源三分钟后, 剩余电压降至 75V 以下

Rated Voltage: 230VAC 250VAC 400VAC 415VAC

450VAC 525VAC 690VAC

Rate Output: 1-50kvar

Tangent the loss angle: ≤0.10%

With stand voltage of case between phase: 2.15Un.2s

With stand voltage of case between phase:

3kV(AC)10s

500VDC among the phases 1 main more than 1000 MΩ

Max allowable voltage: rate voltage 110%

Max allowable current: rate voltage 130%

Self-discharging characteristics: Switch off the power supply for 3 min, the residual voltage less than 75V

型 号 Type	额定电压 (Kv) 额定频率 (Hz)			额定容量 (kvar) Rate output	额定电容 (μF) 额定电流 (A)		尺 寸 长 x 宽 x 高 dimension
	Rate voltage	Rate frequently	Rate output		Rate capacitance	Rate current	
BSMJ 0.4-3-3	(1)	0.4	50	3	60	4.3 (7.5)	180x62x130
BSMJ 0.4-5-3	(1)	0.4	50	5	100	7.2 (12.5)	180x62x130
BSMJ0.4-7.5-3	(1)	0.4	50	7.5	149	10.8 (18.8)	180x62x130
BSMJ 0.4-8-3	(1)	0.4	50	8	159	11.5 (20)	180x62x130

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BSMJ 0.4-10-3	(1)	0.4	50	10	199	14.4 (25)	180x62x185
BSMJ 0.4-12-3	(1)	0.4	50	12	239	17.3 (30)	180x62x185
BSMJ 0.4-14-3	(1)	0.4	50	14	279	20.2 (35)	180x62x185
BSMJ 0.4-15-3	(1)	0.4	50	15	299	21.7 (37.5)	180x62x185
BSMJ 0.4-16-3	(1)	0.4	50	16	318	23.1 (40)	180x62x185
BSMJ 0.4-18-3	(1)	0.4	50	18	358	26 (45)	180x62x245
BSMJ 0.4-20-3	(1)	0.4	50	20	398	28.9 (50)	180x62x245
BSMJ 0.4-22-3	(1)	0.4	50	22	438	31.8 (55)	180x95x220
BSMJ 0.4-24-3	(1)	0.4	50	24	478	34.6 (60)	180x95x220
BSMJ 0.4-25-3	(1)	0.4	50	25	498	36.1 (62.5)	180x95x220
BSMJ 0.4-28-3	(1)	0.4	50	28	557	40.4 (70)	180x95x270
BSMJ 0.4-30-3	(1)	0.4	50	30	597	43.3 (75)	180x95x270
BSMJ 0.4-3-3	(1)	0.525	50	3	35	3.3 (5.7)	180x62x130
BSMJ 0.4-5-3	(1)	0.525	50	5	58	5.5 (9.5)	180x62x130
BSMJ 0.4-7.5-3	(1)	0.525	50	7.5	87	8.2 (14.3)	180x62x130
BSMJ 0.4-8-3	(1)	0.525	50	8	92	8.8 (15.2)	180x62x130
BSMJ 0.4-10-3	(1)	0.525	50	10	116	11.0 (19.0)	180x62x185
BSMJ 0.4-12-3	(1)	0.525	50	12	139	13.2 (22.9)	180x62x185
BSMJ 0.4-14-3	(1)	0.525	50	14	162	15.4 (26.7)	180x62x185
BSMJ 0.4-15-3	(1)	0.525	50	15	173	16.5 (28.6)	180x62x185
BSMJ 0.4-16-3	(1)	0.525	50	16	185	17.6 (30.5)	180x62x185
BSMJ 0.4-18-3	(1)	0.525	50	18	208	19.8 (34.3)	180x62x245
BSMJ 0.4-20-3	(1)	0.525	50	20	231	22.0 (41.9)	180x62x245
BSMJ 0.4-22-3	(1)	0.525	50	22	254	24.2 (41.9)	180x95x220
BSMJ 0.4-24-3	(1)	0.525	50	24	277	26.4 (45.7)	180x95x220
BSMJ 0.4-25-3	(1)	0.525	50	25	289	27.5 (47.6)	180x95x220
BSMJ 0.4-28-3	(1)	0.525	50	28	324	30.8 (53.3)	180x95x270
BSMJ 0.4-30-3	(1)	0.525	50	30	347	33.0 (57.1)	180x95x270
BSMJ 0.4-3-3	(1)	0.69	50	3	20	2.5 (4.3)	180x62x130
BSMJ 0.4-5-3	(1)	0.69	50	5	33	4.2 (7.2)	180x62x130
BSMJ 0.4-7.5-3	(1)	0.69	50	7.5	50	6.3 (10.9)	180x62x130
BSMJ 0.4-8-3	(1)	0.69	50	8	54	6.7 (11.6)	180x62x130
BSMJ 0.4-10-3	(1)	0.69	50	10	67	8.4 (14.5)	180x62x185
BSMJ 0.4-12-3	(1)	0.69	50	12	80	10.0 (17.4)	180x62x185
BSMJ 0.4-14-3	(1)	0.69	50	14	94	11.7 (20.3)	180x62x185
BSMJ 0.4-15-3	(1)	0.69	50	15	100	12.6 (21.7)	180x62x185
BSMJ 0.4-16-3	(1)	0.69	50	16	107	13.4 (23.2)	180x62x185
BSMJ 0.4-18-3	(1)	0.69	50	18	120	15.1 (26.1)	180x62x245
BSMJ 0.4-20-3	(1)	0.69	50	20	134	16.7 (29.0)	180x62x245
BSMJ 0.4-22-3	(1)	0.69	50	22	147	18.4 (31.9)	180x95x220
BSMJ 0.4-24-3	(1)	0.69	50	24	161	20.1 (34.8)	180x95x220
BSMJ 0.4-25-3	(1)	0.69	50	25	167	20.9 (36.2)	180x95x220
BSMJ 0.4-28-3	(1)	0.69	50	28	187	23.4 (40.6)	180x95x270
BSMJ 0.4-30-3	(1)	0.69	50	30	201	25.1 (43.5)	180x95x270