

● GENERAL


Self-healing type low voltage shunt capacitor,made of the advanced metallized film, is produced strictly in accordance with the National Standard and IEC Standard by the introduced advanced foreign techniques and equipment. The device is mainly suitable forlow voltage electric network to improve power factor,reduce reactive loss,and better the voltage quality.


● MAIN CHARACTERISTICS

- 1.Small volume and light weight
It is only 1/ 4 and 1/5 of the weight and the volume of the outdated products respectively
2. Low loss
With the actual loss than 0.1%, the capacitor,itself,has low consumption of energy, little radiation, low temperature rise, long service life,and good energy conservation effect.
3. Excellent self-healing performance
When a part of the isolation is fed through due to the overvoltage,it is capable of self-healing so as to continue the normal operation,therefore the reliability is improved greatly.
4. Safety
Equipped with self-discharging resistant and safety devices inside,it is safe and reliable.
5. Without oil leakage
In order to avoid oil leakage during operation so as to protect the environment, it employs the microcrystalline wax as the impregnant, which remains solid at ordinary temperature and has a drip melting point higher than70℃.


● MAIN TECHNICAL CHARACTERISTICS

1. Service conditions:ambient temperature-25℃~50℃, humidity≤85%, and altitude lower than 2000m.
2. Rated voltage:250VAC,400VAC,525VAC,690VAC,1050VAC,1200VAC.
3. Rated output:1~60Kvar.
4. Capacitance Tolerance:0~ + 15%.
5. Tangent of the loss angle:With the power frequency rated voltage. $Tg \delta \leq 0.1\%$ at 20℃.
6. Withstand voltage:capable of withstand Jing1.75 times of rated voltage between poles for 10s, $R \geq 1000M \Omega$.
7. Max allowable voltage:1.10times of the rated voltage.
8. Max allowable current:1.30times of rated current.
9. Self-discharging characteristics:Apply2 Un DC voltage to the device and switch off the power supply for 3m,and then the residual voltage is 50V or less.
10. Standards:In conformity with GB 1274-1991,IEC 60831-1996.

Ref.	Model	Rated Volt. (KV)	Rated Capacity(Kvar)	Rated Capacity(uF)	Rated Current (A)	Case Qty.(Pcs)	Item Code
	BSMJ0.25-3-1	0.25	3	153	12	8	225031
	BSMJ0.25-5-1	0.25	5	254	20	8	225051
	BSMJ0.25-10-1	0.25	10	509	40	12	225101
	BSMJ0.25-15-1	0.25	15	764	60	6	225151
	BSMJ0.25-20-1	0.25	20	1019	80	6	225201
	BSMJ0.25-25-1	0.25	25	1273	100	3	225251
	BSMJ0.25-30-1	0.25	30	1528	120	3	225301
	BSMJ0.25-35-1	0.25	35	1783	140	3	225351
	BSMJ0.25-40-1	0.25	40	2037	160	3	225401

Ref.	Model	Rated Volt. (KV)	Rated Capacity(Kvar)	Rated Capacity(uF)	Rated Current (A)	Case Qty.(Pcs)	Item Code
	BSMJ0.4-1-3	0.4	1	20	1.4	8	240013
	BSMJ0.4-2-3	0.4	2	40	2.8	8	240023
	BSMJ0.4-3-3	0.4	3	60	4.3	8	240033
	BSMJ0.4-4-3	0.4	4	80	5.7	8	240043
	BSMJ0.4-5-3	0.4	5	100	7.2	8	240053
	BSMJ0.4-6-3	0.4	6	119	8.7	8	240063
	BSMJ0.4-7.5-3	0.4	7.5	149	10.8	8	240073
	BSMJ0.4-8-3	0.4	8	159	11.6	8	240083
	BSMJ0.4-10-3	0.4	10	199	14.4	8	240103
	BSMJ0.4-12-3	0.4	12	239	17.3	8	240123
	BSMJ0.4-14-3	0.4	14	279	20.2	8	240143
	BSMJ0.4-15-3	0.4	15	299	21.7	8	240153
	BSMJ0.4-16-3	0.4	16	319	23.1	8	240163
	BSMJ0.4-18-3	0.4	18	358	26.0	8	240183
	BSMJ0.4-20-3	0.4	20	398	28.9	8	240203
	BSMJ0.4-22-3	0.4	22	439	31.8	6	240223
	BSMJ0.4-24-3	0.4	24	478	34.6	6	240243
	BSMJ0.4-25-3	0.4	25	497	36.1	6	240253
	BSMJ0.4-30-3	0.4	30	597	43.3	6	240303
	BSMJ0.4-35-3	0.4	35	697	50.5	3	240353
	BSMJ0.4-40-3	0.4	40	796	27.7	3	240403
	BSMJ0.4-50-3	0.4	50	995	72.2	3	240503
	BSMJ0.4-60-3	0.4	60	1194	86.6	3	240603

BSMJ0.415-5-3	0.415	5	93	7.0	8	241053
BSMJ0.415-10-3	0.415	10	185	13.9	8	241103
BSMJ0.415-12-3	0.415	12	222	16.7	8	241123
BSMJ0.415-14-3	0.415	14	259	19.5	8	241143
BSMJ0.415-15-3	0.415	15	277	20.9	8	241153
BSMJ0.415-16-3	0.415	16	296	22.3	8	241163
BSMJ0.415-18-3	0.415	18	333	25.0	8	241183
BSMJ0.415-20-3	0.415	20	370	27.8	8	241203
BSMJ0.415-25-3	0.415	25	462	34.8	6	241253
BSMJ0.415-30-3	0.415	30	555	41.7	6	241303
BSMJ0.415-35-3	0.415	35	647	48.7	3	241353
BSMJ0.415-40-3	0.415	40	739	55.7	3	241403
BSMJ0.415-50-3	0.415	50	924	69.6	3	241503
BSMJ0.415-60-3	0.415	60	1109	83.5	3	241603

Ref.	Model	Rated Volt. (KV)	Rated Capacity(Kvar)	Rated Capacity(uF)	Rated Current (A)	Case Qty.(Pcs)	Item Code
	BSMJ0.45-5-3	0.45	5	79	6.4	8	245053
	BSMJ0.45-10-3	0.45	10	157	12.8	8	245103
	BSMJ0.45-15-3	0.45	15	236	19.2	8	245153
	BSMJ0.45-20-3	0.45	20	314	25.7	8	245203
	BSMJ0.45-25-3	0.45	25	393	21.1	6	245253
	BSMJ0.45-30-3	0.45	30	472	38.5	6	245303
	BSMJ0.45-40-3	0.45	40	629	51.3	3	245403
	BSMJ0.45-50-3	0.45	50	786	64.2	3	245503
	BSMJ0.45-60-3	0.45	60	943	77.0	3	245603

BSMJ0.525-5-3	0.525	5	58	5.5	8	252053
BSMJ0.525-10-3	0.525	10	116	11.0	8	252103
BSMJ0.525-15-3	0.525	15	173	16.5	8	252153
BSMJ0.525-20-3	0.525	20	231	22.0	6	252203
BSMJ0.525-25-3	0.525	25	289	27.5	6	252253
BSMJ0.525-30-3	0.525	30	347	33.0	6	252303
BSMJ0.525-40-3	0.525	40	462	44.0	3	252403
BSMJ0.525-50-3	0.525	50	578	50.0	3	252503
BSMJ0.525-60-3	0.525	60	693	60.0	3	252603

BSMJ0.69-5-3	0.69	5	34	4.2	8	269053
BSMJ0.69-10-3	0.69	10	67	8.4	8	269103
BSMJ0.69-15-3	0.69	15	100	12.6	8	269153
BSMJ0.69-20-3	0.69	20	134	16.7	6	269203
BSMJ0.69-25-3	0.69	25	167	20.9	6	269253
BSMJ0.69-30-3	0.69	30	2014	25.1	3	269303
BSMJ0.69-40-3	0.69	40	268	33.5	3	269403
BSMJ0.69-50-3	0.69	50	334	41.9	3	269503
BSMJ0.69-60-3	0.69	60	401	50.2	3	269603

BSMJ1.14-12-3	1.14	12	29.4	6.1	3	214123
BSMJ1.14-15-3	1.14	15	36.8	7.6	3	214153

● GENERAL

JKL series reactive power auto compensating controller is suitable for self-adjusting capacitor compensating devices in low voltage distribution system and make power factor meet with presetting set by user. It adopted the most advanced single chip machine controlling technology.

Merits: compact structure, good-loading appearance, high interference resistance. The controller will automatically compensate according to the reactive current and power factor of the system, able to operate in different sites.

● SPECIFICATION

Supply voltage : AC220V/380V other on request

Rated frequency: 50/60Hz

Rated current: 5A


Over voltage protection: 230V~300V(415V~500V)

Switch on time delay: 1~25S

Working method: Continuous

● SERVICE CONDITIONS

- 1. Altitude not higher than 2500m.
- 2. Ambient temperature-50℃~+40℃.
- 3. Relative humidity ≤50%, at 40℃ and ≤90% at 20℃.
- 4. NO corrosive gas, inductive dust,and inflammable and explosive mediums in the ambient environment.
- 5. The mounting position should be protected against violent vibration.

Ref.	Model	Rated Volt.(KV)	Size of mounting Hole (mm)	N O. of Circuit Contorted	Case Qty.(Pcs)	Item Code
	JKL5CF	220	113x113	4~12	40	122536
	JKL5BF	220	162x102	4~10	40	122526
	JKG2B	220	162x102	4~10	40	077220
	JKL5C	380	113x113	4~12	40	122530
	JKL5A	380	142x102	4~12	40	122512
	JKL5B	380	162x102	4~12	40	122520

● DIMENSION

