

QDTB® TRANSFORMER

BSMJ

Power Capacitors

PRODUCT DATASHEET

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BSMJ — Series Overview

The BSMJ series self-healing metallized film power capacitors are designed for power factor correction in low-voltage AC power distribution systems. Self-healing technology ensures long service life and reliable operation.

Key Features

- Self-healing metallized film technology
- Dry-type non-polluting construction
- Built-in discharge resistor
- Overpressure protection device

Typical Applications

- Power factor correction
- Industrial power distribution
- Commercial building electrical systems
- Harmonic filtering

Model Number Breakdown

- B — Parallel capacitor
- S — Three-phase
- M — Metallized film
- J — Low voltage

Model Specifications

17 model(s) in the BSMJ series. Weight and dimensions are typical reference values, subject to confirmation.

Model	Rated Voltage	Rated Capacity	Frequency	Tolerance	Protection	Standard	Weight (kg) †	Dimensions (L×W×H) †
BSMJ0.4-3-3	0.4kV	3kvar	50Hz	-5% ~ +10%	Self-healing, internal discharge resistor	GB/T 12747.1	25 kg	200×100×400 mm
BSMJ0.4-4-3	0.4kV	4kvar	50Hz	-5% ~ +10%	Self-healing, internal discharge resistor	GB/T 12747.1	25 kg	200×100×400 mm
BSMJ0.45-5-3	0.45kV	5kvar	50Hz	-5% ~ +10%	Self-healing, internal discharge resistor	GB/T 12747.1	25 kg	200×100×400 mm
BSMJ0.4-5-3	0.4kV	5kvar	50Hz	-5% ~ +10%	Self-healing, internal discharge resistor	GB/T 12747.1	25 kg	200×100×400 mm
BSMJ0.45-6-3	0.45kV	6kvar	50Hz	-5% ~ +10%	Self-healing, internal discharge resistor	GB/T 12747.1	25 kg	200×100×400 mm
BSMJ0.4-6-3	0.4kV	6kvar	50Hz	-5% ~ +10%	Self-healing, internal discharge resistor	GB/T 12747.1	25 kg	200×100×400 mm
BSMJ0.45-8-3	0.45kV	8kvar	50Hz	-5% ~ +10%	Self-healing, internal discharge resistor	GB/T 12747.1	25 kg	200×100×400 mm
BSMJ0.4-8-3	0.4kV	8kvar	50Hz	-5% ~ +10%	Self-healing, internal discharge resistor	GB/T 12747.1	25 kg	200×100×400 mm
BSMJ0.45-10-3	0.45kV	10kvar	50Hz	-5% ~ +10%	Self-healing, internal discharge resistor	GB/T 12747.1	25 kg	200×100×400 mm
BSMJ0.4-10-3	0.4kV	10kvar	50Hz	-5% ~ +10%	Self-healing, internal discharge resistor	GB/T 12747.1	25 kg	200×100×400 mm
BSMJ0.45-12-3	0.45kV	12kvar	50Hz	-5% ~ +10%	Self-healing, internal discharge resistor	GB/T 12747.1	25 kg	200×100×400 mm
BSMJ0.4-12-3	0.4kV	12kvar	50Hz	-5% ~ +10%	Self-healing, internal discharge resistor	GB/T 12747.1	25 kg	200×100×400 mm
BSMJ0.45-15-3	0.45kV	15kvar	50Hz	-5% ~ +10%	Self-healing, internal discharge resistor	GB/T 12747.1	25 kg	200×100×400 mm
BSMJ0.4-15-3	0.4kV	15kvar	50Hz	-5% ~ +10%	Self-healing, internal discharge resistor	GB/T 12747.1	25 kg	200×100×400 mm
BSMJ0.45-20-3	0.45kV	20kvar	50Hz	-5% ~ +10%	Self-healing, internal discharge resistor	GB/T 12747.1	25 kg	200×100×400 mm
BSMJ0.4-20-3	0.4kV	20kvar	50Hz	-5% ~ +10%	Self-healing, internal discharge resistor	GB/T 12747.1	25 kg	200×100×400 mm
BSMJ0.45-25-3	0.45kV	25kvar	50Hz	-5% ~ +10%	Self-healing, internal discharge resistor	GB/T 12747.1	25 kg	200×100×400 mm

† Typical values, subject to confirmation. Final dimensions and weights are per factory GA drawings and routine test reports.

Standards & Certification

ISO 9001 Certified — Quality Management System
CE marking — available on selected models
Design and testing per IEC 60076, IEC 60076-11 (dry-type), IEC 61330 (substations), GB 1094 and related international standards.

Note: Certification details and test reports are provided upon request for the specific model and destination market.

Inquiry & Contact

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QDTB® guarantees a response within 24 hours on business days. Send your model, capacity, voltage and quantity for a detailed quotation.