

QDTB® TRANSFORMER

FKSG

Reactors

PRODUCT DATASHEET

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FKSG — Series Overview

The FKSG series comprises three-phase dry-type reactors engineered for industrial power systems, providing effective current limiting, harmonic suppression and power quality protection. With Class F insulation and maintenance-free dry-type construction, these reactors deliver stable performance in demanding industrial environments.

Key Features

- Three-phase dry-type construction for industrial duty
- Class F insulation with low temperature rise
- Effective current limiting and harmonic suppression
- Maintenance-free, low-noise operation

Typical Applications

- Industrial power systems
- Motor drive and soft-start circuits
- Harmonic filtering
- Power quality improvement

Model Number Breakdown

- F — Reactance / Filtering type
- K — Reactor
- S — Three-phase
- G — Dry-type

Model Specifications

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

Model	Rated Capacity	Voltage	Connection	Reactance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †
FKSG-5KW	5	0.69 kV	Series	6	≤65 dB(A)	F (155°C)	GB/T 10228, IEC 60076-6	55 kg	320×220×300 mm
FKSG-10KW	10	0.69 kV	Series	6	≤65 dB(A)	F (155°C)	GB/T 10228, IEC 60076-6	85 kg	380×250×350 mm
FKSG-15KW	15	0.69 kV	Series	6	≤65 dB(A)	F (155°C)	GB/T 10228, IEC 60076-6	110 kg	400×270×380 mm
FKSG-20KW	20	0.69 kV	Series	5	≤65 dB(A)	F (155°C)	GB/T 10228, IEC 60076-6	140 kg	420×280×400 mm
FKSG-30KW	30	0.69 kV	Series	5	≤65 dB(A)	F (155°C)	GB/T 10228, IEC 60076-6	190 kg	450×300×420 mm
FKSG-50KW	50	0.69 kV	Series	4	≤65 dB(A)	F (155°C)	GB/T 10228, IEC 60076-6	270 kg	480×320×450 mm
FKSG-75KW	75	0.69 kV	Series	4	≤65 dB(A)	F (155°C)	GB/T 10228, IEC 60076-6	360 kg	520×350×480 mm
FKSG-100KW	100	0.69 kV	Series	4	≤65 dB(A)	F (155°C)	GB/T 10228, IEC 60076-6	430 kg	550×370×520 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.