

QDTB® TRANSFORMER

KSG-Input

Reactors

PRODUCT DATASHEET

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KSG-Input — Series Overview

The KSG-Input series consists of three-phase dry-type input reactors installed between the power supply and AC drives, inverters or soft starters. They limit inrush current, reduce harmonic distortion and improve the power quality seen by sensitive electronic equipment.

Key Features

- Limits inrush current on drive start-up
- Reduces harmonic distortion from the supply
- Class F insulation, maintenance-free dry-type
- Suitable for VFD and inverter input circuits

Typical Applications

- Variable frequency drive (VFD) input
- Inverter and soft-starter input circuits
- Industrial motor control panels
- Power quality protection

Model Number Breakdown

K — Reactor

S — Three-phase

G — Dry-type

Input — Installed on the input side of drives

Model Specifications

26 model(s) in the KSG-Input 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) †
KSG-In-KSG-0.75KW	0.75	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	20 kg	200×150×200 mm
KSG-In-KSG-1.5KW	1.5	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	25 kg	225×165×225 mm
KSG-In-KSG-2.5KW	2.5	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	35 kg	275×190×265 mm
KSG-In-KSG-4KW	4	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	50 kg	310×210×290 mm
KSG-In-KSG-5.5KW	5.5	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	60 kg	325×220×305 mm
KSG-In-KSG-7.5KW	7.5	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	70 kg	350×230×320 mm
KSG-In-KSG-11KW	11	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	90 kg	385×255×355 mm
KSG-In-KSG-15KW	15	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	110 kg	400×270×380 mm
KSG-In-KSG-18KW	18	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	130 kg	410×275×390 mm
KSG-In-KSG-22KW	22	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	150 kg	425×285×405 mm
KSG-In-KSG-30KW	30	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	190 kg	450×300×420 mm
KSG-In-KSG-37KW	37	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	220 kg	460×305×430 mm
KSG-In-KSG-45KW	45	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	250 kg	470×315×440 mm
KSG-In-KSG-55KW	55	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	290 kg	490×325×455 mm
KSG-In-KSG-75KW	75	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	360 kg	520×350×480 mm
KSG-In-KSG-93KW	93	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	410 kg	540×365×510 mm
KSG-In-KSG-110KW	110	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	460 kg	560×375×525 mm
KSG-In-KSG-132KW	132	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	525 kg	580×390×540 mm
KSG-In-KSG-160KW	160	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	610 kg	605×405×555 mm
KSG-In-KSG-187KW	187	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	685 kg	620×415×570 mm
KSG-In-KSG-200KW	200	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	720 kg	630×420×580 mm
KSG-In-KSG-220KW	220	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	765 kg	640×425×590 mm
KSG-In-KSG-250KW	250	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	835 kg	655×435×600 mm
KSG-In-KSG-315KW	315	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	975 kg	685×455×625 mm
KSG-In-KSG-375KW	375	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	1080 kg	705×470×640 mm
KSG-In-KSG-400KW	400	0.4 kV	Series	0.7	≤60 dB(A)	H (180°C)	GB/T 10228	1125 kg	715×475×650 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.