

QDTB® TRANSFORMER

L

Reactors

PRODUCT DATASHEET

Shandong Yaqing Electric Power Technology Co., Ltd.
qdtb-transformer.com · Alice@qdtb-transformer.com

L — Series Overview

The L series current-limiting reactors are designed to restrict fault currents in power systems, protecting equipment from short-circuit damage. Compact dry-type construction ensures reliable performance in switchgear and panel installations.

Key Features

- Limits short-circuit fault currents to safe levels
- Compact dry-type construction for indoor use
- Linear impedance characteristics under fault conditions
- Compatible with switchgear and panel integration

Typical Applications

- Switchgear bus fault current limitation
- Cable network protection
- Capacitor bank series protection
- Power system short-circuit management

Model Number Breakdown

L — Reactor / Inductor (Diankangqi)

Model Specifications

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

Model	Rated Capacity	Voltage	Connection	Reactance (%)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †
L-100-500	100	0.5 kV	Series	7	F (155°C)	GB10229, IEC 60076-6	430 kg	550×370×520 mm
L-200-800	200	0.8 kV	Series	7	F (155°C)	GB10229, IEC 60076-6	720 kg	630×420×580 mm
L-300-1000	300	1 kV	Series	7	F (155°C)	GB10229, IEC 60076-6	950 kg	680×450×620 mm
L-500-1500	500	1.5 kV	Series	7	F (155°C)	GB10229, IEC 60076-6	1300 kg	750×500×680 mm
L-800-2000	800	2 kV	Series	7	F (155°C)	GB10229, IEC 60076-6	1840 kg	835×560×760 mm
L-1000-2500	1000	2.5 kV	Series	7	F (155°C)	GB10229, IEC 60076-6	2200 kg	900×600×800 mm
L-1500-3000	1500	3 kV	Series	7	F (155°C)	GB10229, IEC 60076-6	3000 kg	1000×650×900 mm
L-2000-4000	2000	4 kV	Series	7	F (155°C)	GB10229, IEC 60076-6	3800 kg	1100×700×950 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

Website	https://qdtb-transformer.com
Email	Alice@qdtb-transformer.com
WhatsApp	+86 13698683193
Phone	+86 13698683193
Address	No. 50, Jifa Longshan Road, Environmental Protection Industrial Park, Jimo District, Qingdao, Shandong, China

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