

QDTB® TRANSFORMER

Triple-Freq

Special/Isolation/Control Transformers

PRODUCT DATASHEET

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Triple-Freq — Series Overview

The TF series triple frequency transformers generate stable three-times frequency output for insulation testing of electrical equipment, including transformer cores and insulating materials. Dry-type design with Class F insulation ensures safe, repeatable test performance.

Key Features

- Stable triple-frequency test output
- Class F insulation, dry-type design
- Suitable for insulation withstand testing
- Reliable long-term test operation

Typical Applications

- Transformer core insulation testing
- Electrical equipment dielectric testing
- Laboratory high-voltage testing
- Quality assurance in manufacturing

Model Number Breakdown

T — Triple frequency

F — Frequency converter / test

Model Specifications

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

Model	Rated Capacity	HV Voltage	LV Voltage	Cooling	Impedance (%)	Standard	Weight (kg) †	Dimensions (L×W×H) †
TF-1KVA	1	0.38 kV	0.38 kV	AN	5	GB/T 1094, IEC 60076	10 kg	140×130×150 mm
TF-2KVA	2	0.38 kV	0.38 kV	AN	5	GB/T 1094, IEC 60076	15 kg	170×150×180 mm
TF-3KVA	3	0.38 kV	0.38 kV	AN	5	GB/T 1094, IEC 60076	20 kg	190×170×200 mm
TF-5KVA	5	0.38 kV	0.38 kV	AN	5	GB/T 1094, IEC 60076	30 kg	220×190×230 mm
TF-10KVA	10	0.38 kV	0.38 kV	AN	5	GB/T 1094, IEC 60076	55 kg	280×240×290 mm
TF-15KVA	15	0.38 kV	0.38 kV	AN	5	GB/T 1094, IEC 60076	75 kg	320×270×320 mm
TF-20KVA	20	0.38 kV	0.38 kV	AN	5	GB/T 1094, IEC 60076	90 kg	350×300×350 mm
TF-30KVA	30	0.38 kV	0.38 kV	AN	5	GB/T 1094, IEC 60076	130 kg	400×340×390 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.