

QDTB® TRANSFORMER

VFS

Special/Isolation/Control Transformers

PRODUCT DATASHEET

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VFS — Series Overview

The VFS series variable frequency supply transformers provide reliable voltage transformation for variable frequency power sources, supporting adjustable-speed drive and test systems. Dry-type construction with Class F insulation ensures stable operation across the frequency range.

Key Features

- Compatible with variable frequency sources
- Stable output across frequency range
- Class F insulation, dry-type design
- Suitable for drive and test systems

Typical Applications

- Variable frequency drive supplies
- Adjustable-speed test equipment
- Laboratory power systems
- Frequency conversion installations

Model Number Breakdown

V — Variable

F — Frequency

S — Supply

Model Specifications

11 model(s) in the VFS 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) †
VFS-1KVA	1	0.38 kV	0.11 kV	AN	6	GB/T 1094, IEC 60076	10 kg	140×130×150 mm
VFS-2KVA	2	0.38 kV	0.11 kV	AN	6	GB/T 1094, IEC 60076	15 kg	170×150×180 mm
VFS-3KVA	3	0.38 kV	0.12 kV	AN	6	GB/T 1094, IEC 60076	20 kg	190×170×200 mm
VFS-5KVA	5	0.38 kV	0.12 kV	AN	6	GB/T 1094, IEC 60076	30 kg	220×190×230 mm
VFS-10KVA	10	0.38 kV	0.15 kV	AN	6	GB/T 1094, IEC 60076	55 kg	280×240×290 mm
VFS-15KVA	15	0.38 kV	0.17 kV	AN	6	GB/T 1094, IEC 60076	75 kg	320×270×320 mm
VFS-20KVA	20	0.38 kV	0.2 kV	AN	6	GB/T 1094, IEC 60076	90 kg	350×300×350 mm
VFS-30KVA	30	0.38 kV	0.25 kV	AN	6	GB/T 1094, IEC 60076	130 kg	400×340×390 mm
VFS-50KVA	50	0.38 kV	0.35 kV	AN	6	GB/T 1094, IEC 60076	200 kg	450×380×450 mm
VFS-60KVA	60	0.38 kV	0.4 kV	AN	6	GB/T 1094, IEC 60076	230 kg	470×395×470 mm
VFS-100KVA	100	0.38 kV	0.6 kV	AN	6	GB/T 1094, IEC 60076	350 kg	550×460×550 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.