

QDTB® TRANSFORMER

QZB

Three Phase Transformers

PRODUCT DATASHEET

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QZB — Series Overview

The QZB series self-coupling voltage reducing starters provide soft-start capability for large three-phase induction motors, reducing inrush current.

Key Features

- Reduced voltage starting for large motors
- 60%/80% tap voltage selection
- Automatic timer control
- Thermal overload protection

Typical Applications

- Large pump motors
- Fan motor starting
- Compressor starting
- Conveyor belt systems

Model Number Breakdown

- Q — Starting
- Z — Self-coupling
- B — Transformer

Model Specifications

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

Model	Rated Capacity	Input Voltage	Output Voltage	Rated Current (A)	Frequency (Hz)	Weight (kg) †	Dimensions (L×W×H) †
QZB-14	14 VA	380V	Reduced voltage start	28A	50	105 kg	310×265×315 mm
QZB-20	20 VA	380V	Reduced voltage start	40A	50	140 kg	350×300×350 mm
QZB-28	28 VA	380V	Reduced voltage start	56A	50	190 kg	390×330×380 mm
QZB-30	30 VA	380V	Reduced voltage start	59A	50	200 kg	400×340×390 mm
QZB-40	40 VA	380V	Reduced voltage start	80A	50	250 kg	425×360×420 mm
QZB-55	55 VA	380V	Reduced voltage start	110A	50	320 kg	460×390×460 mm
QZB-75	75 VA	380V	Reduced voltage start	142A	50	400 kg	500×420×500 mm
QZB-115	115 VA	380V	Reduced voltage start	230A	50	560 kg	560×470×560 mm
QZB-135	135 VA	380V	Reduced voltage start	270A	50	645 kg	580×485×580 mm
QZB-190	190 VA	380V	Reduced voltage start	370A	50	860 kg	640×530×640 mm
QZB-225	225 VA	380V	Reduced voltage start	410A	50	1000 kg	675×560×675 mm
QZB-260	260 VA	380V	Reduced voltage start	475A	50	1140 kg	710×585×710 mm
QZB-300	300 VA	380V	Reduced voltage start	535A	50	1290 kg	740×610×740 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.