

QDTB® TRANSFORMER

RS

Motor Starters

PRODUCT DATASHEET

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RS — Series Overview

The RS series electronic soft starters use thyristor technology for smooth, controlled acceleration of three-phase induction motors with reduced mechanical stress.

Key Features

- Thyristor-based soft starting
- Adjustable acceleration/deceleration
- Built-in bypass contactor
- Communication interface

Typical Applications

- Pump soft starting
- Fan motor control
- Conveyor belt starting
- Compressor starting

Model Number Breakdown

R — Reduced

S — Starter/Soft

Model Specifications

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

Model	Motor Power	Input Voltage	Control Voltage	Starting Method	Rated Current	Standard	Weight (kg) †	Dimensions (L×W×H) †
RS-22KVA	22 kVA	380V	220 V / 380 V	Soft start (electronic)	44A	GB/T 14048.4, IEC 60947-4-1	5.2 kg	400×300×800
RS-30KVA	30 kVA	380V	220 V / 380 V	Soft start (electronic)	60A	GB/T 14048.4, IEC 60947-4-1	10 kg	RS-160KVA
RS-37KVA	37 kVA	380V	220 V / 380 V	Soft start (electronic)	74A	GB/T 14048.4, IEC 60947-4-1	11 kg	500×300×800
RS-45KVA	45 kVA	380V	220 V / 380 V	Soft start (electronic)	90A	GB/T 14048.4, IEC 60947-4-1	12 kg	RS-200KVA
RS-55KVA	55 kVA	380V	220 V / 380 V	Soft start (electronic)	110A	GB/T 14048.4, IEC 60947-4-1	11 kg	RS-220KVA
RS-75KVA	75 kVA	380V	220 V / 380 V	Soft start (electronic)	150A	GB/T 14048.4, IEC 60947-4-1	14 kg	RS-260KVA
RS-90KVA	90 kVA	380V	220 V / 380 V	Soft start (electronic)	180A	GB/T 14048.4, IEC 60947-4-1	15 kg	500×380×1000
RS-110KVA	110 kVA	380V	220 V / 380 V	Soft start (electronic)	220A	GB/T 14048.4, IEC 60947-4-1	25 kg	RS-320KVA
RS-132KVA	132 kVA	380V	220 V / 380 V	Soft start (electronic)	264A	GB/T 14048.4, IEC 60947-4-1	25.5 kg	500×400×1200
160KVA	160 kVA	380V	220 V / 380 V	Soft start (electronic)	320A	GB/T 14048.4, IEC 60947-4-1	25.5 kg	500×300×1200 mm
RS-185KVA	185 kVA	380V	220 V / 380 V	Soft start (electronic)	370A	GB/T 14048.4, IEC 60947-4-1	35 kg	550×300×1200 mm
200KVA	200 kVA	380V	220 V / 380 V	Soft start (electronic)	400A	GB/T 14048.4, IEC 60947-4-1	35 kg	550×300×1200 mm
220KVA	220 kVA	380V	220 V / 380 V	Soft start (electronic)	440A	GB/T 14048.4, IEC 60947-4-1	35 kg	550×300×1400 mm
260KVA	260 kVA	380V	220 V / 380 V	Soft start (electronic)	520A	GB/T 14048.4, IEC 60947-4-1	35 kg	550×300×1400 mm
RS-280KVA	280 kVA	380V	220 V / 380 V	Soft start (electronic)	560A	GB/T 14048.4, IEC 60947-4-1	35 kg	550×400×1400
320KVA	320 kVA	380V	220 V / 380 V	Soft start (electronic)	640A	GB/T 14048.4, IEC 60947-4-1	35 kg	550×400×1400 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.