

QDTB® TRANSFORMER

SafeRing

Ring Main Units (RMU)

PRODUCT DATASHEET

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SafeRing — Series Overview

The SafeRing series represents ABB-compatible SF6 gas-insulated compact ring main units with advanced safety features. Fully sealed design with SF6 insulation provides excellent performance in harsh environments while ensuring operator safety.

Key Features

- Fully sealed SF6 gas insulation system
- Enhanced operator safety with arc containment
- Compact footprint for space-limited installations
- Suitable for 12kV and 24kV networks

Typical Applications

- Urban power distribution networks
- Industrial facility power intake
- Renewable energy collection systems
- Underground distribution substations

Model Number Breakdown

Safe — Safety-first design philosophy

Ring — Ring main unit configuration

Model Specifications

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

Model	Rated Voltage	Rated Current	Max. Fuse Rating	Short-time Withstand (kA/3s)	Protection Level	Standard	Weight (kg) †	Dimensions (L×W×H) †
SafeRing-12	12 kV	630 A	63 A	20 kA	IP4X	GB3906, IEC 62271-200	750 kg	1100×800×1800 mm
SafeRing-24	24 kV	630 A	100 A	20 kA	IP4X	GB3906, IEC 62271-200	750 kg	1100×800×1800 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.