

QDTB® TRANSFORMER

FLN36

Ring Main Units (RMU)

PRODUCT DATASHEET

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FLN36 — Series Overview

The FLN36 series ring main units with integrated FTU represent the convergence of primary equipment and secondary automation. Factory tested with all protection and monitoring functions pre-configured for fast deployment in distribution networks.

Key Features

- SF6 load break switch with FTU integration
- Primary-secondary fusion in compact design
- Factory pre-commissioned for fast deployment
- Supports smart grid communication protocols

Typical Applications

- Smart grid distribution automation
- Urban ring main network monitoring
- Industrial power distribution control
- Renewable energy integration points

Model Number Breakdown

- F — Load break switch (Fuhe kaiguan)
- L — SF6 insulated (Lihualiu)
- N — Indoor use (Nei)
- 36 — Design series number

Model Specifications

1 model(s) in the FLN36 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) †
FLN36-12D(F)	12 kV	630 A	63 A	20 kA	IP4X	GB3906, IEC 62271-200	700 kg	1000×800×1800 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.