

QDTB® TRANSFORMER

KYN28

High Voltage Switchgear

PRODUCT DATASHEET

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KYN28 — Series Overview

The KYN28 series 40.5kV withdrawable switchgear features compact design with integrated vacuum circuit breakers. Suitable for mining, petrochemical, and power plant auxiliary power distribution applications requiring reliable medium voltage switching.

Key Features

- 40.5kV rated voltage for MV distribution
- Withdrawable VCB design for easy maintenance
- Compact footprint for space-constrained installations
- Suitable for mining and petrochemical environments

Typical Applications

- Mining industry power distribution
- Petrochemical plant switchgear rooms
- Power plant auxiliary power systems
- Large industrial facility MV distribution

Model Number Breakdown

- K — Switchgear (Kaiguan)
- Y — Metal-clad (Jinshu)
- N — Indoor use (Nei)
- 28 — Design series number (40.5kV class)

Model Specifications

6 model(s) in the KYN28 series. Weight and dimensions are typical reference values, subject to confirmation.

Model	Rated Voltage	Rated Current	Rated Breaking Current	Short-time Withstand (kA/4s)	Protection Level	Mechanical Life (ops)	Operating Mechanism	Standard	Weight (kg) †	Dimensions (L×W×H) †
KYN28-40.5/1250-25	40.5 kV	1250 A	25 kA	25 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28-40.5/1250-31.5	40.5 kV	1250 A	31.5 kA	31.5 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28-40.5/2000-25	40.5 kV	2000 A	25 kA	25 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28-40.5/2000-31.5	40.5 kV	2000 A	31.5 kA	31.5 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28-40.5/2500-25	40.5 kV	2500 A	25 kA	25 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28-40.5/2500-31.5	40.5 kV	2500 A	31.5 kA	31.5 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 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.