

QDTB® TRANSFORMER

KYN28A

High Voltage Switchgear

PRODUCT DATASHEET

Shandong Yaqing Electric Power Technology Co., Ltd.
qdtb-transformer.com · Alice@qdtb-transformer.com

KYN28A — Series Overview

The KYN28A series is an improved variant of the KYN28 metal-clad withdrawable switchgear. Features enhanced compartmentalization, advanced interlocking systems, and VCB/VBI vacuum breaker integration for reliable 12kV power distribution.

Key Features

- Improved compartmentalization over standard KYN28
- Advanced mechanical and electrical interlocks
- Withdrawable VCB for easy maintenance
- Type-tested to IEC 62271-200

Typical Applications

- Power generation and distribution
- Industrial plant MV distribution
- Commercial building power supply
- Utility distribution substations

Model Number Breakdown

K — Switchgear (Kaiguan)

Y — Metal-clad (Jinshu)

N — Indoor use (Nei)

28 — Design series number

A — Improved variant (A type)

Model Specifications

30 model(s) in the KYN28A 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) †
KYN28A-12/630-25	12 kV	630 A	25 kA	25 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/630-25(60Hz)	12 kV	630 A	25 kA	25 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/630-31.5	12 kV	630 A	31.5 kA	31.5 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/630-31.5(60Hz)	12 kV	630 A	31.5 kA	31.5 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/630-40	12 kV	630 A	40 kA	40 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/630-40(60Hz)	12 kV	630 A	40 kA	40 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/1250-25	12 kV	1250 A	25 kA	25 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/1250-25(60Hz)	12 kV	1250 A	25 kA	25 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/1250-31.5	12 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
KYN28A-12/1250-31.5(60Hz)	12 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
KYN28A-12/1250-40	12 kV	1250 A	40 kA	40 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/1250-40(60Hz)	12 kV	1250 A	40 kA	40 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/2000-25	12 kV	2000 A	25 kA	25 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/2000-25(60Hz)	12 kV	2000 A	25 kA	25 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/2000-31.5	12 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
KYN28A-12/2000-31.5(60Hz)	12 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
KYN28A-12/2000-40	12 kV	2000 A	40 kA	40 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm

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) †
KYN28A-12/2000-40(60Hz)	12 kV	2000 A	40 kA	40 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/2500-25	12 kV	2500 A	25 kA	25 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/2500-25(60Hz)	12 kV	2500 A	25 kA	25 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/2500-31.5	12 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
KYN28A-12/2500-31.5(60Hz)	12 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
KYN28A-12/2500-40	12 kV	2500 A	40 kA	40 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/2500-40(60Hz)	12 kV	2500 A	40 kA	40 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/3150-25	12 kV	3150 A	25 kA	25 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/3150-25(60Hz)	12 kV	3150 A	25 kA	25 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/3150-31.5	12 kV	3150 A	31.5 kA	31.5 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/3150-31.5(60Hz)	12 kV	3150 A	31.5 kA	31.5 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/3150-40	12 kV	3150 A	40 kA	40 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	1000 kg	800×1500×2300 mm
KYN28A-12/3150-40(60Hz)	12 kV	3150 A	40 kA	40 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

Website	https://qdtb-transformer.com
Email	Alice@qdtb-transformer.com
WhatsApp	+86 13698683193
Phone	+86 13698683193
Address	No. 50, Jifa Longshan Road, Environmental Protection Industrial Park, Jimo District, Qingdao, Shandong, China

QDTB® guarantees a response within 24 hours on business days. Send your model, capacity, voltage and quantity for a detailed quotation.