

QDTB® TRANSFORMER

GCS-12(Z)

High Voltage Switchgear

PRODUCT DATASHEET

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GCS-12(Z) — Series Overview

The GCS series medium-position withdrawable switchgear features compact design for restricted space installations. Equipped with VCB and drawout carriage mechanism, provides reliable medium voltage switching with efficient space utilization.

Key Features

- Medium-position withdrawable design
- Compact layout for restricted spaces
- VCB with drawout carriage mechanism
- Multiple breaking capacity options (25kA to 40kA)

Typical Applications

- Space-constrained switchrooms
- Urban indoor substations
- Commercial building MV distribution
- Industrial facility power systems

Model Number Breakdown

- G — Switchgear (Kaiguan)
- C — Withdrawable (Chouchu)
- S — Medium-position (Zhongzhi)

Model Specifications

15 model(s) in the GCS-12(Z) 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) †
GCS-12(Z)/630-25	12 kV	630 A	25 kA	25 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	700 kg	900×1500×2300 mm
GCS-12(Z)/630-31.5	12 kV	630 A	31.5 kA	31.5 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	700 kg	900×1500×2300 mm
GCS-12(Z)/630-40	12 kV	630 A	40 kA	40 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	700 kg	900×1500×2300 mm
GCS-12(Z)/1250-25	12 kV	630 A	25 kA	25 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	700 kg	900×1500×2300 mm
GCS-12(Z)/1250-31.5	12 kV	630 A	31.5 kA	31.5 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	700 kg	900×1500×2300 mm
GCS-12(Z)/1250-40	12 kV	630 A	40 kA	40 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	700 kg	900×1500×2300 mm
GCS-12(Z)/2000-25	12 kV	630 A	25 kA	25 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	700 kg	900×1500×2300 mm
GCS-12(Z)/2000-31.5	12 kV	630 A	31.5 kA	31.5 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	700 kg	900×1500×2300 mm
GCS-12(Z)/2000-40	12 kV	630 A	40 kA	40 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	700 kg	900×1500×2300 mm
GCS-12(Z)/2500-25	12 kV	630 A	25 kA	25 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	700 kg	900×1500×2300 mm
GCS-12(Z)/2500-31.5	12 kV	630 A	31.5 kA	31.5 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	700 kg	900×1500×2300 mm
GCS-12(Z)/2500-40	12 kV	630 A	40 kA	40 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	700 kg	900×1500×2300 mm
GCS-12(Z)/3150-25	12 kV	630 A	25 kA	25 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	700 kg	900×1500×2300 mm
GCS-12(Z)/3150-31.5	12 kV	630 A	31.5 kA	31.5 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	700 kg	900×1500×2300 mm
GCS-12(Z)/3150-40	12 kV	630 A	40 kA	40 kA	IP4X	10000	Spring-operated (integrated VCB)	GB3906, IEC 62271-200	700 kg	900×1500×2300 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.