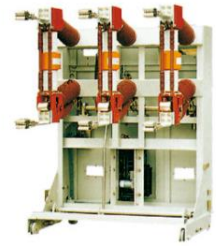


Indoor Handcart Vacuum Circuit Breaker 40.5kV

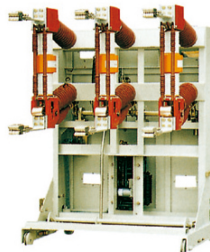
This indoor vacuum circuit breaker is designed for 40.5kV power distribution systems. Its handcart design allows for easy installation and maintenance.



ADDITIONAL IMAGES



Product Overview



Handcart-type vacuum circuit breaker designed for substation protection.

High-Reliability Vacuum Circuit Breaker

The ZN23-40.5 indoor vacuum circuit breaker is a robust three-phase AC high-voltage solution designed for 40.5kV systems. Featuring a handcart-type structure, it ensures simple maintenance, safe operation, and easy integration into power distribution systems. This equipment is specifically optimized for high-frequency operation environments like metallurgy and electric arc steelmaking.

Technical Specifications



High breaking capacity unit for industrial power distribution.

Rated Voltage	40.5 kV
Rated Frequency	50 Hz
Available Rated Currents	1250A, 1600A, 2000A

Electrical Performance

Key Electrical Metrics

185 kV

Lightning Impulse Withstand

95 kV

1-Min Power Frequency Withstand

4 s

Short Circuit Duration

Operational Characteristics



Vacuum interrupter technology ensures long service life and reliable arc quenching.

Timing Specifications

Metric	Value
Dropout Time	H90ms
Close Time	50-85 ms
Short Circuit Close Time	80 kA

Rated Operating Sequence	O-0.3s-CO-180s-CO
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