



Power Technology Perfect & Precise

Vacuum
CIRCUIT
BREAKER



Indian Transformers & Electricals
Gurgaon

Vacuum Circuit Breaker (VCB)

ITE's vacuum circuit breaker is a fully compartmentalized Metal clad design with the superior interruption medium of vacuum. Our VCB has been designed as per Indian & IEC standards for reliable performance, ease of handling & simplified maintenance. Our VCB provides superior control & protection of medium voltage power equipment & circuits in utility, industrial, commercial installations involving transformers, generators, motors, feeder circuits and transmission & distribution lines

Key Features

- Compliance with IEC 62271-100, 62271-200 & IS 13118.
- Metal clad, Fully compartmentalized
- Horizontal isolation, horizontal draw out
- Integrated earthing switch with fault making
- Readily extendable
- Available single Busbar and double Busbar execution
- Cubicles designed to meet temperature rise limits without need for forced ventilation

Safety

- Fully insulated Busbar with removable shrouds at joints
- Padlocks door and safety shutter
- Integral earthing switch mechanically interlocked with Circuit breaker
- Internal arc compliant
- All line parts located 700mm above floor level
- Comprehensive safety interlocks

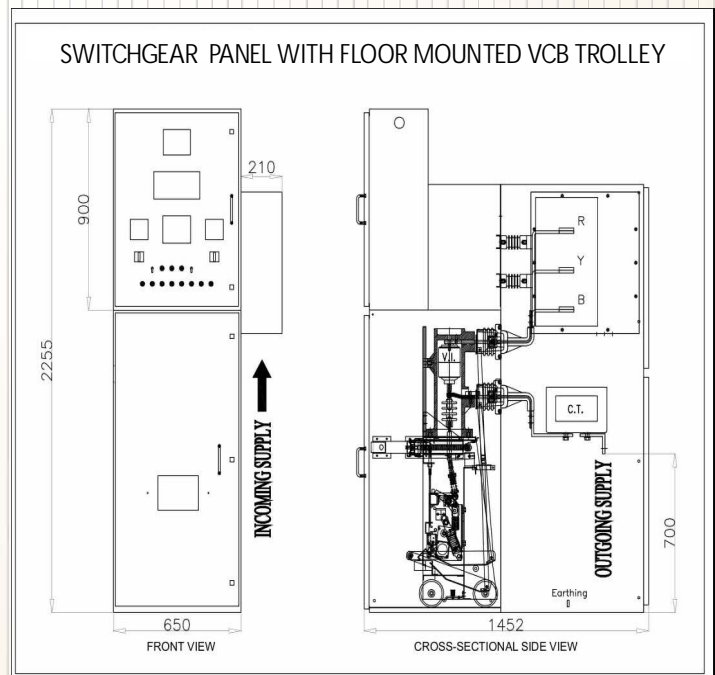
Operation and Maintenance

- Simple installation and user friendly
- Maintenance free vacuum interrupters
- Isolatable potential transformers
- Dry type current transformers .
- Sufficient space for relays and instruments in a Low Voltage Compartment

VCB Specification

Nominal Voltage	12kv
Degree of Protection	IP55
Width (in mm)	650
Depth (in mm)	1452
Height (in mm)	2255
Operation sequence	O -0.3 sec. -CO-3 Min. -CO
Opening Time (in milli secs.)	>30ms
Break time	>50ms
Full Load Switching Life (No. of Operations)	10,000
Closing Voltage	24V DC / 110V DC
Tripping Voltage	24V DC / 110V DC
Auxiliary contacts wired to SD5	8 No. + 8 Nc
Current Rating	
Fault Level	25 kA for 3 secs.
630 Amps	12kV/24kV
1250 Amps	12kV/24kV/36kV
2000 Amps	12kV/24kV/36kV

Also available as per Customer's Specifications /Requirements



PRODUCTS

⊕ Vacuum Circuit Breakers ⊕ Servo Voltage Controllers / Stabilizers ⊕ Unitised / Compact Substations

⊕ Transformers { ⊕ Power ⊕ Distribution ⊕ Furnace Duty ⊕ Converter Duty ⊕ Isolation / Shielded ⊕ Scott ⊕ Buck & Boost

APPROVALS & REGISTRATIONS ⊕ E-in-C (Defence) ⊕ MAP ⊕ Railways ⊕ BSNL ⊕ MTNL ⊕ DGS&D ...

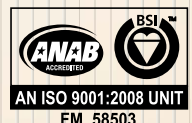


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Note : Specifications, Features & Information etc. given may vary & are subject to change with any prior notice & manufacturer is not liable for any loss and or damage due to any reason whatsoever. Our Scope of work limits upto design, manufacture, testing & delivery of our products at our works.(unloading, installation & commissioning etc. do not come under our scope of work)

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We have no other unit except at above given address

July, 2011