

## 12 kV Metal-Clad Indoor Vacuum Circuit Breaker

### Type: **VCBI-04**

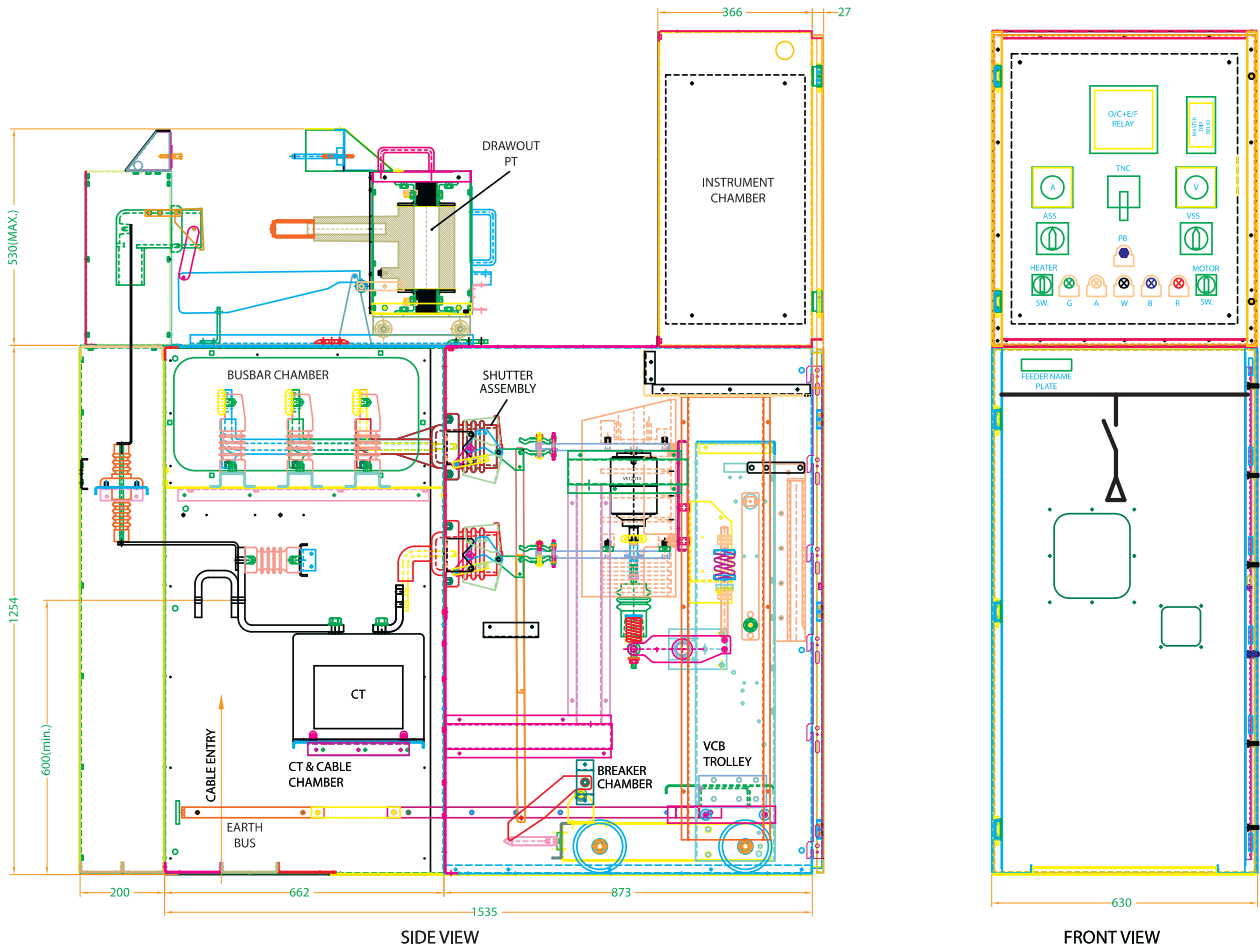
#### ■ Salient Features

- Sheet Metal Enclosure-Pre-treated & Powder Coated
- Bolted Construction
- Extendable from both sides of panel
- PVC Insulated Busbar
- No live parts accessible & exposed
- In-built safety shutter
- All Switching operations performed with front door closed
- Circuit Breaker withdraw type with interlock & fixed type
- Separate compartment for Breaker, Busbar, CT/Cable & Instrument chamber
- Access to cable terminals from the rear

#### ■ Maintenance & Operation

- Maintenance free vacuum interrupters and low maintenance drive mechanism
- front access door fully integrated with interlock system
- Complete mechanical interlocking provided

**40**Years of  
Experience**35**Countries  
Global  
Presence**200**Plus Skilled  
Manpower**4**World Class  
Manufacturing  
Facilities**50**Internationally  
Approved  
Products



Fully type test at CPRI as per IEC-62271-100-2008/IEC-62271-200-2008/IEC-60694-2008

**Technical Data:**

Rated voltage and insulation	12 kV
Rated maximum current of the feeders	2000 A
Rated maximum current of the busbar	2000 A
Rated short-time current for 3 second	25 kA
Rated short circuit breaking current (effective value)	25 kA
Rated short circuit making current (peak value)	62.5 kA
Rated operation sequence	0-0.3sec-CO-3min-CO
Power frequency withstand voltage (effective value)	28 kV
Lighting impulse withstand voltage (peak value)	75 kV
<b>Dimension of panel:</b>	
Width	630/750mm (approx.)
Depth	1535/1735mm (approx.)
Height	2450mm (max.)
Weight of panel with breaker	700-1000Kg.

Type Test Report Available on Request