



PASCAL

Vacuum Circuit Breaker Panels - Type PSI
12kV, 1250A, 26.3kA



**Vacuum
Circuit
Breaker also
suitable for
Retrofit
Solutions**

We care more.....

A PPLICABLE STANDARD

IS 13118 and IEC 62271-100 for Circuit Breaker
IS 3427 and IEC 62271-200/IEC 694 for Indoor Panels

B ASIC RATING

Type Designation	PSI
Rated Voltage	12 kV
Rated Current	1250 A
Rated Short Circuit Breaking Current	26.3 kA
Rated Short Time Current	26.3 kA - 3 sec
Rated Bus Bar Current	2000 A
Rated Internal arc current	26.3 kA
Power frequency withstand voltage	28 kV for 1 min
1.2/50 micro sec impulse withstand voltage	75 kV peak

C ONSTRUCTION FEATURES

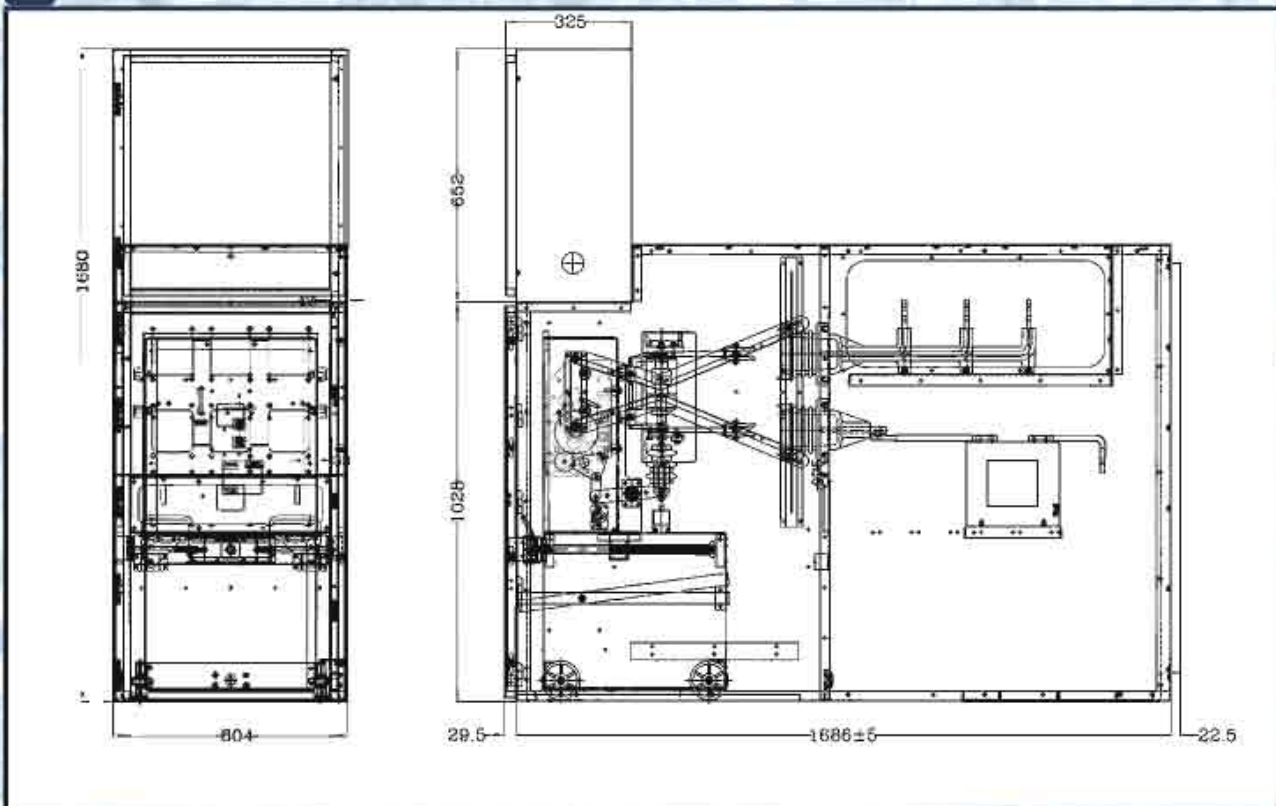
- Metal Clad CNC fabricated CRCA sheet steel; powder coated.
- Unique box type weld free enclosure for rigidity, strength and alignment.
- Truck mounted horizontal isolation, horizontal draw out vacuum circuit breaker with 3 distinct position; 'service', 'test' and 'isolated' with all safety interlocks.
- Each interrupter mounted in individual phase segregated epoxy housing.
- Busbar can be copper or aluminum supported by unique design of epoxy spouts.
- Spacious and easily accessible CT compartment to meet most requirement without extension.
- Standard cable compartment can accommodate 9 Nos 1C x 630 sq mm or 3 Nos 3C x 300 sq mm Cable.
- Several options of low voltage compartment to suit your specific need.



K EY FEATURES

- Type Tested at CRPI for all Mandatory Tests.
- Type Tested at CPRI for Internal ARC Test.
- Vacuum Interrupter from ABB only.
- All Standard Safety Interlocks, Special Door Interlocks.
- Smallest Dimension compared to any Panel of Same Rating.
 - ◆ Standard Panel Dimension - 2000mm X 600mm X 1740mm (HxWxD)
 - ◆ Circuit Breaker Dimension - 950mm X 443mm X 500mm (HxWxD)
 - ◆ Weight of the Standard Panel with Circuit Breaker - 600kgs (Approximate)
- Tested for 10,000 Mechanical Operations.

G ENERAL ARRANGEMENT DRAWING - TYPICAL OUTGOING PANEL



Disclaimer: Improvement is a continuous process in the organization and the panels offered may differ slightly than shown in the leaflet.

PASCAL SWITCHCARE INDIA PVT. LTD.

KOLKATA, INDIA