



SIVP36

36kV AIS VCB PANEL

The majority of industrial and utility switchgears use air to insulate live conductors electrically, & thus are called as Air Insulated Switchgear.

The Air Insulated Switchgear is a secondary power distribution device. It plays a controlling and protecting role in power distribution system.

Salient Features

- Compact, Sturdy with Extensible Design
- Less Maintenance & High Reliability
- Seamless Integration with SCADA Network for Remote Operation and Control
- Draw-out VCB with Compartmentalized Design
- Long Electrical and Mechanical Life
- Conforms to IEC 62271-100 & 200
- Closed Door Operation ensuring Enhanced Safety
- VCB Type Tested for E2, C2 & M2 class
- Internal Arc Tested for of 25 kA 0.1&1Sec IAC AFLR
- Front Operated Earth Switch

Application

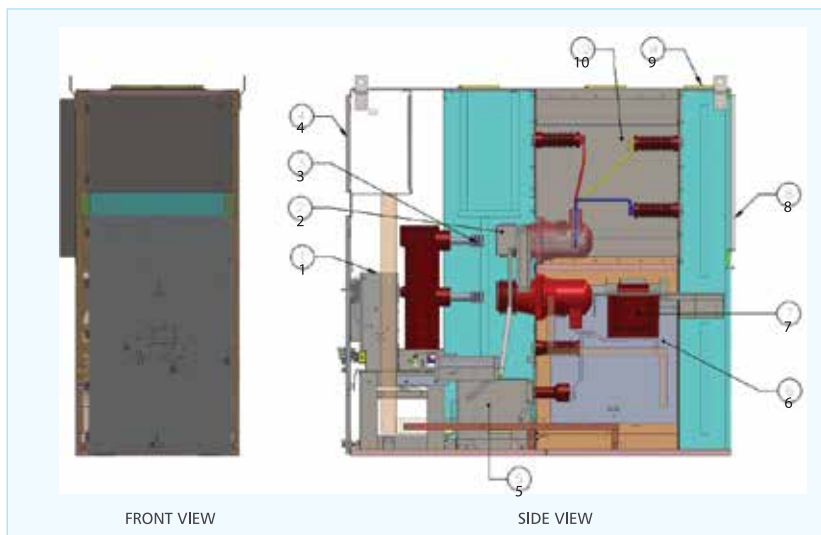
- Utilities & Power Plants
- Industrial Segments like Cement, Textiles, Pulp & Paper, Automotive, Petrochemicals, Oil, Steel
- Switching Duties for Capacitor & Motors



Technical Data

Parameters	Unit	SIVP 36
Rated Voltage	kV	36
Rated Frequency	Hz	50
Rated Main Bus Bar Current	A	Up to...2500
Rated Feeder Current	A	1250/1600/2000/2500
Rated Insulation Level	kV	36/70/170
Rated Short Time Current for 3 Sec	kA	26.3/31.5
Rated Short-Circuit Breaking Current of the Circuit Breaker	kA	26.3/31.5
Rated Short-Circuit Making Current of the Circuit Breaker	kA	65.75/78.75
Rated Operating Sequence	-	O-0.3Sec-CO-3min-CO
Internal Arc Test	Sec	25 kA / 0.1 & 1 sec

Panel Overall Dimensions		
Height (H)	mm	2400
Width (W)	mm	1100
Depth (D)	mm	2500
Degree of Protection for Enclosure		IP5X/IP4X
Applied Standard		IEC 62271-100 & 200



Typical G.A Drawing for Incomer Panel

Description

1. Breaker Chamber
2. Spout Bushing
3. Tulip Contact
4. Instrument Chamber
5. Potential Transformer
6. Cable Chamber
7. Current Transformer
8. Rear Cover
9. Pressure Relief Flap
10. Bus Bar Chamber

Each panel consists of a single unit that can be equipped with Vacuum Circuit Breaker and all accessories for the switchgear's conventional units. Each panel provides a cubical in the upper part for auxiliary instrumentation.

- There is a continuous effort at Stelmec to keep abreast of latest technology in line with customer requirements and hence the product specifications are subject to change.
- Products described in this catalogue are manufactured and supplied according to the Certified Management System ISO 9001:2015.