



SIVP36

36kV INDOOR / OUTDOOR AIS
VCB PANEL

An Air-Insulated Switchgear (AIS) Panel is a type of electrical switchgear that uses air as the primary insulating medium to protect live conductors and prevent electrical faults. These panels are commonly used in utility & industrial applications due to their reliability, and ease of maintenance.

AIS panels are ideal for indoor and outdoor applications, providing a dependable solution for power distribution and protection systems.

Salient Features

- Draw Out VCB with Compartmentalized Design
- Seamless Integration with SCADA Network for Remote Operation and Control
- Compact & Rugged Design for Outdoor Application
- Well proven Vacuum Interrupters for Switching Function
- Long Electrical & Mechanical life
- Closed Door Operation ensuring Enhanced Safety
- Complies to IEC 62271-100 & 200
- Complies to Internal Arc Rating of 31.5kA/1Sec
- Complies to IP54/55 Degree of Protection
- VCB Complies to E2, C2 & M2 class duties
- Suitable for ICOG & Line up panels

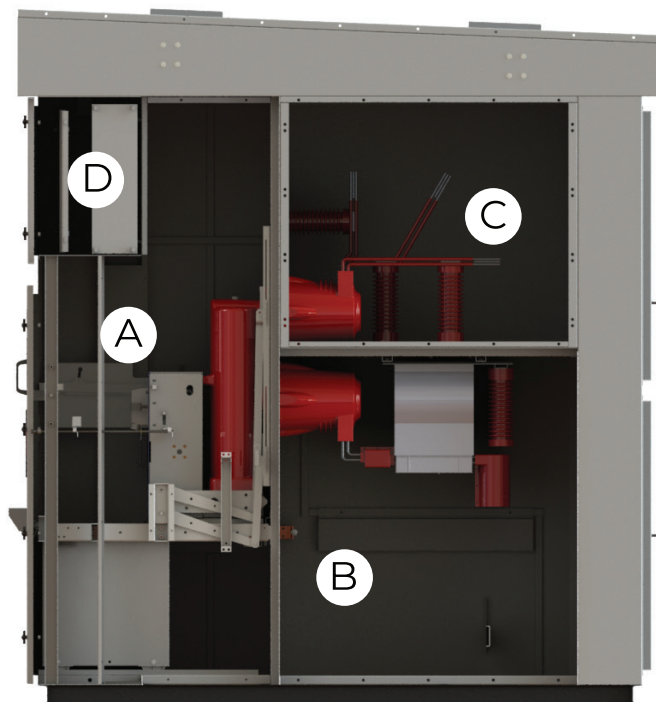
Application

- Renewable Energy Segment
- Continuous Process Industry
- Electrical Distribution



Technical Specifications

Parameters	Unit	SIVP 36
Rated Voltage	kV	36
Rated Frequency	Hz	50
Rated Main Bus Bar Current	A	3150A
Rated Feeder Current	A	3150A
Rated Insulation Level	kV	36/70/170
Rated Short Time Current for 3 Sec	kA	31.5
Rated Short-Circuit Breaking Current of the Circuit Breaker	kA	31.5
Rated Short-Circuit Making Current of the Circuit Breaker	kA	80
Rated Operating Sequence	-	O-0.3Sec-CO-3min-CO
Internal Arc Test	Sec	31.5 kA / 1sec
Panel Overall Dimensions		
Height (H)	mm	2600
Width (W)	mm	1100
Depth (D)	mm	2400
Degree of Protection for Enclosure		IP54 / IP55
Applied Standard		IEC 62271-100 & 200



Description

- A. Breaker Chamber
- B. Cable Chamber
- C. Bus Bar Chamber
- D. LV Chamber

- 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.