

- Double busbar design.
- High air clearance for busbars.
- Safe & foolproof interlocks.
- Fault-make capacity earthing switch available.
- Solid insulated busbars.
- Over 28 years of proven field performance.
- Sliding door for easier locking and maintenance access.
- Optional motorized rack-in & rack-out.
- Fixed, swing, or draw-out type VT options.
- Block or ring type CT options.
- Sufficient cable termination height.
- Minimum maintenance.

Our VH3D switchgear is designed and tested to IEC standards.

- IEC60056, IEC62271-100: High voltage circuit breakers (1kV-52kV).
- IEC60298, IEC62271-200: High voltage metal enclosed switchgear (1kV- 52kV).
- IEC60056, IEC62271-102: High voltage disconnectors & earthing switches.
- IEC60694, IEC62271-1: High voltage switchgear and controlgear - common specifications.
- IEC60137: Insulated bushing.
- IEC60529: Degree of protection.

The tests are performed at the independent test laboratories like KEMA, CESI etc.



Tamco's VH3D Air Insulated Switchgear builds on the trusted VH3 platform with a double-busbar configuration, offering enhanced operational flexibility for medium voltage applications up to 33kV. Designed to perform in challenging environments, the VH3D features eco-friendly vacuum technology, superior arc fault containment, and a proven busbar switching mechanism that ensures safe, reliable operation with minimal footprint and increased adaptability.

Rated Voltage	kV	36/40.5
Rated VCB Current	A	800/1250/2000
Rated Frequency	Hz	50/60
Rated Short Time Withstand Current	kA/3sec	25/31.5
Rated s.c Making Current	kAp	63/80
Rated s.c Sym. Breaking Current	kA	25/31.5
Rated Impulse Voltage (1.2/50)	kVp	170
Rated a.c 1min pf Voltage	kV rms	70
Internal Arc	kA/1sec	25/31.5
Width	mm	1200
Depth	mm	3200
Height	mm	2400
Loss of Service Continuity		LSC2B
Internal Arc Classification		AFLR
Partition Class		PM
Ingress Protection Class		IP4
Internal Partition Protection Class		IP3X