

FEATURES

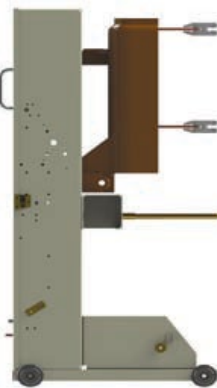
- Most compact dimensions.
- High air clearance for busbars.
- Safe and foolproof interlocks.
- All open behind close door.
- Fault make capacity earthing switch available.
- Solid insulated busbars and spouts.
- 28 years of proven field record.
- Sliding door, easier locking.
- Optional motorised rack-in and rack-out.
- Fixed type, swing type and draw-out type VT possible.
- Block type or ring type CT possible.
- Sufficient cable termination height.
- Readily extensible.
- Double busbar option available.

STANDARDS

Our VH1H switchgear are fully type tested, and 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.



SINGLE BUSBAR METAL-CLAD SWITCHGEAR

12kV up to 50kA

Tamco's VH1H Metal-clad Extensible Air Insulated Switchgear has established a global reputation for reliability across applications over the decades. It incorporates eco-friendly vacuum technology and offers a number of advantages including superior arc fault containment, fail-safe and positive interlocks, compactness, greater versatility in application and minimal need for maintenance.

VH1H PERFORMANCE DATA

Rated Voltage	kV	12
Rated VCB Current	A	630/1250/2000/2500/3150
Rated Frequency	Hz	50
Rated Short Time Withstand Current	kA/3sec	25/31.5/40/50*
Rated s.c Making Current	kAp	63/80/100/125
Rated s.c Sym. Breaking Current	kA	25/31.5/40/50*
Rated Impulse Voltage (1.2/50)	kVp	95
Rated a.c 1min pf Voltage	kV rms	38
Internal Arc	kA/1sec	40
Width	mm	700/800/1000
Depth	mm	1648/1948
Height	mm	1926
Loss of Service Continuity		LSC2B
Internal Arc Classification		AFLR
Partition Class		PM
Ingress Protection Class		IP4
Internal Partition Protection Class		IP4X