

FEATURES

- Compact footprint.
- VCB with SF6 gas insulation.
- Cable & busbar in air with touch proof connections.
- Safe, positive, foolproof interlocks.
- Cable door & VCB interlocked
- Pad-lockable VCB & 3-position motorised isolator.
- Plug-in type power cables.
- Fully modular design with extension on both sides.
- SF6 content ~ 1.2Kg.
- Front cable entry & no clearance required at rear.
- Optional rear cable entry available - top or bottom.
- No SF6 gas handling at site.
- LCD display available for viewing Isolator position.

STANDARDS

Our GV1N switchgear are fully type tested, and designed and tested to IEC standards.

- IEC62271-100:
Indoor or outdoor circuit breakers.
- IEC62271-102:
High voltage disconnectors & earthing switches.
- IEC62271-200:
Metal-enclosed switchgear (1kV-52kV).

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



COMPACT SF6 GAS-INSULATED SWITCHGEAR

12kV up to 25kA

Minimal maintenance, compact & modular SF6 insulated distribution switchgear. GV1N has been designed, keeping in mind the requirements of higher operational safety with minimal maintenance and sealed for life system. GV1N modular design provides a perfect platform for building reliable distribution network in compact space.

GV1N PERFORMANCE DATA

Rated Voltage	kV	12/15
Rated VCB Current	A	630/1250/2000
Rated Frequency	Hz	50/60
Rated Short Time Withstand Current	kA/3sec	25
Rated s.c Making Current	kAp	65
Rated s.c Sym. Breaking Current	kA	25
Rated Impulse Voltage (1.2/50)	kVp	95
Rated a.c 1min pf Voltage	kV rms	38
Internal Arc	kA/1sec	25
Width	mm	500 (630A/1250A)/800 (2000A)
Depth	mm	1330/1800
Height	mm	2530/2400
Loss of Service Continuity		LSC2B
Internal Arc Classification		AFLR
Partition Class		PM
Ingress Protection Class		IP4X
Internal Partition Protection Class		IP65 (Tank)
Classification		E2, C2, M2