

FEATURES

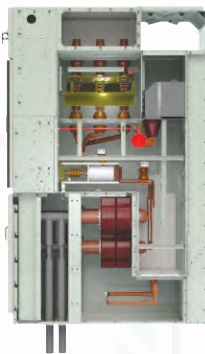
- VCB with SF6 gas insulation.
- Safe, positive, foolproof interlocks.
- Pad-lockable VCB & 3-position motorised isolator.
- Sufficient cable termination Height with touch proof cables.
- Fixed type or draw out VT with isolatable version available.
- Readily extensible.
- 20 years of proven field record.
- Minimal maintenance.
- Easy installation.
- LCD display available for viewing Isolator position.

STANDARDS

Our GV3N switchgear are fully type tested, and designed and tested to IEC standards.

- IEC62271-100:
High voltage circuit breakers (1kV-52kV).
- IEC62271-200:
High voltage metal enclosed switchgear (1kV- 52kV).
- IEC62271-102:
High voltage disconnectors & earthing switches.
- IEC60376: SF6 gas.
- IEC60480: SF6 gas checks.
- 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 ect.



MODULAR SF6 GAS-INSULATED SWITCHGEAR

36kV up to 31.5kA

The GV3N is a robust, modular SF₆ gas-insulated switchgear designed for medium voltage applications up to 36kV and 25/31.5kA. Built around a reliable vacuum interrupter-based circuit breaker, the GV3N offers a sealed-for-life system with minimal maintenance requirements. Its compact and extensible design supports safe, efficient power distribution in space-constrained environments - making it ideal for utilities, industrial facilities, and infrastructure projects.

GV3N PERFORMANCE DATA

Rated Voltage	kV	36
Rated VCB Current	A	800/1250/2000/2500
Rated Frequency	Hz	50/60
Rated Short Time Withstand Current	kA/3sec	25/31.5
Rated s.c Making Current	kAp	63/82
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	31.5
Width	mm	600 (800/1250A)/800 (2000A)/900 (2500A)
Depth	mm	1125/1400
Height	mm	2270/2375
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