

Complete Set Company - Power Control System

>> High Voltage Power Box

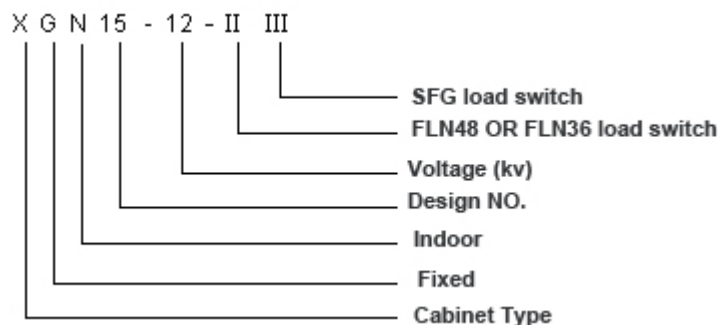


XGN15-12 Unit-type Modular SF6 Ring Net Cabinet

About Structure (metal):

The cabinet is double-bended by the 1.5/2.0mm thick aluminum- zinc steel plate, which is light and solid. All components are connected by rivets or screws. The cabinet rear is pressed by the cover board and supported by the rivets below. In this way, in case of accident we can make sure that the leaking gas is released from the rear. The cover board on the cabinet is fixed by M6 screw. The cabinet gate is of special design so that it can bear possible pressure released by internal breakdown caused arc burning. It can be lifted and make anti-clockwise rotation by the gate handles. The small standard auxiliary components chamber on the upper cabinet can install terminal strip and other secondary parts. If the small chamber was lifted, the relay and other parts can be installed. Interlock load switch and grounded switch are automatic. Grounded switch and the interlock between the cabinet gates are mandatory. Do as the following steps to achieve automatically interlock. Close the cabinet gate. Open the grounded switch and close the load switch. Separate operation mode can effectively avoid misuse.

Model Meaning



Technical Parameters

	(kV)	12
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Rated voltage			
Rated lightning impact voltage tolerance	Alternately and relatively	(kV)	75
	Between fractures	(kV)	85
One minute frequency voltage tolerance	Alternately and relatively	(kV)	42
	Between fractures	(kV)	48
Rated frequency		(Hz)	50 /60
Rated current	Main generatrix	(A)	630
	Branch generatrix	(A)	630
Rated short-term current tolerance	Main loop	(kA)	20/3S
	Ground loop	(kA)	20/3S
Rated peak value current tolerance		(kA)	50
Current transfer		(A)	1700
Protection rank			IP2X
Mechanical life of the load switch		times	2000
Mechanical life of ground switch		times	2000
Load switch cabinet	width	(mm)	375, 500, 750
	depth	(mm)	917, 940
	height	(mm)	1635, 1885
Low voltage room	Height	(mm)	350, 450
Circuit breaker cabinet	width	(mm)	750, 800
	depth	(mm)	917, 940, 1245
	height	(mm)	1885

Cable ditch, cable connection and size The cabinet needs four M10 screws to be fixed with the foundation which suits all standard functional units. The cable ditch displayed is of maximum size and corresponding amendments can be made in accordance with the cable.