

## Combined Fixed AC Metal Clad RMU Switchgear Type HXGT8-12

### General :

HXGT8 series RMU are new product in order to upgrade the projects of for the urban and rural power grids by virtue of benefiting from the advantages of other RMU and overcome its disadvantage. The bus room is jointed in FT8-12 vacuum load switch h +fuse composite electric apparatus. The load switch room and bus room is separated by metal boards. This structure has the advantage of being free of insulating plates and the interlock devices over other RMU. The fixed RMU, which is fitted in VT2A type vacuum breaker is used to protect the circuit, it is a supplement of primary wiring scheme of RMU.



### Product feature :

- a. The RMU bus room is separated from cable room by the metal bottom frame of load switch into two rooms, and it is not necessary to insert insulating plate in the isolating distance.
- b. The vacuum extinction arc room is put in the insulation bushing to prevent the dust from accumulating on the surface of extinction arc room and prevent the extinction arc room from unexpected damage.
- c. The electric parts of each phase of load switch equipped for RMU is supported by single insulating bushing, therefore the integral structure is simple and compact.
- d. The interlock is reliable and easy to operate.
- e. It has operating function of manual drive and motor-drive and it is energy-saving operated.
- f. Through one operation hole, both the isolator and earthing switch could be operated.
- g. Varieties of scheme can be selected to increase the combination measure of RMU. The outgoing/incoming cubicle can choose the circuit-breaker cubicle which has the function of protection.
- h. The RMU could be installed against the wall.
- i. The RMU frame is assembled by zinc plates coated aluminium, and the volume is width 600(700) , height 1750 and depth 900.

Technical parameter :

no.	Item	unit	Parameter		
			incoming cubicle	fuse cubicle	outgoing cubicle
1	Rated voltage	kV	12		
2	Rated current	A	630	630/1250	125
3	Rated short-circuit breaking current	A		25/31.5	31.5
4	4s rated short-time withstand current of main circuit and earthing switch (r.m.s)	kA	20	25/31.5	
5	1min power frequency withstand voltage (r.m.s) phase to earth, phase to phase/ isolating distance	kV	42/48		
6	Dimension	mm	600width 900depth 1750height	700 width 900 depth 1750 height	600 width 900 depth 1750 height

Ordering notice :

Please provide the followings :

- a. Product name, specification, type, quantity, rated voltage of fuse and delivery date ;
- b. Pareto diagram or layout plan and main wiring scheme of RMU;
- c. Operation method;
- d. Cubicle colour;
- e. Any special request can be settled by negotiation.