

No.	Item		Unit	Data	
9	Earth switch inductive current opening, closing	Electromagnetic coupling	Rated inductive current	A	80
			Rated inductive voltage	kV	2
		Electrostatic coupling	Rated inductive current	A	10
			Rated inductive voltage	kV	15

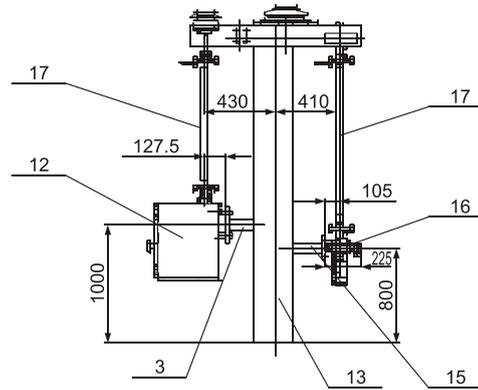
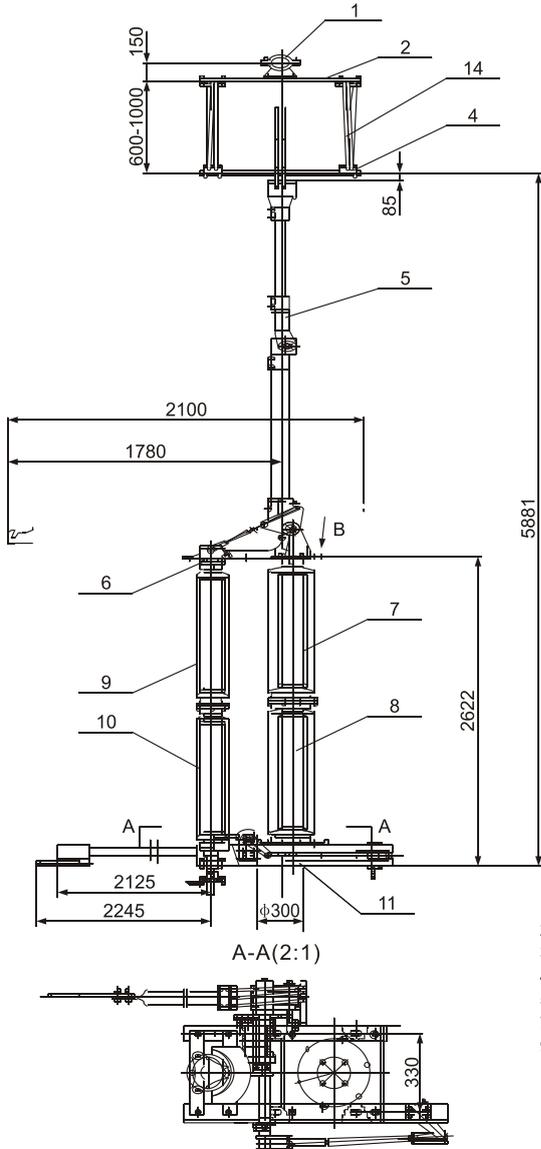
CJ6A motor operating mechanism

CJ16A motor operating mechanism mainly suitable for GW49, GW48 motor operating, It made of three phase asynchronism motor driving, output torque by the reductor.

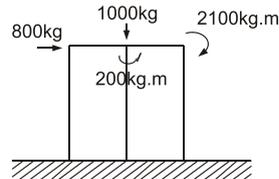
Output axes have assembly type connection of infinitely variable adjustment hoop, a ngle can be a djusted optionally, this can ensure closing and opening nicely. It have features of compact, large output torque, small noise and convenient maintenance.

CSA manual operating mechanism

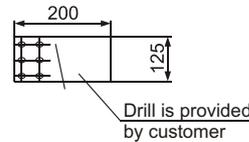
CSA manual operating mechanism adopt worm gearing, It have features of simple structure, beauty outline, easy operating, convenient maintenance. It's suitable for GW49, GW48, etc disconnect switch.



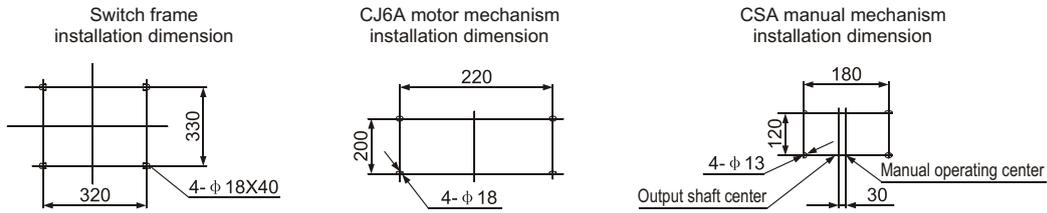
Installation requirement



B side
Connection plate dimension



1. Busbar clamp plate installation
2. Upper clamp
3. Motor operating installation frame(supplied by user)
4. Conductor pole installation
5. Main blade
6. Rubber washer
7. Upper post insulator
8. Below post insulator
9. Upper revolving insulator
10. Below revolving insulator
11. Structure installation
12. CJ6A motor mechanism
13. Switch installation pole(supplied by user)
14. LGJ240/55 ACSR
15. Manual operating installation plate(supplied by user)
16. CSA manual operating mechanism
17. 48# seamless steel tube



GW49-252 Disconnect switch of single pole installation drawing (with earth)

Operating principle

1. Main blade

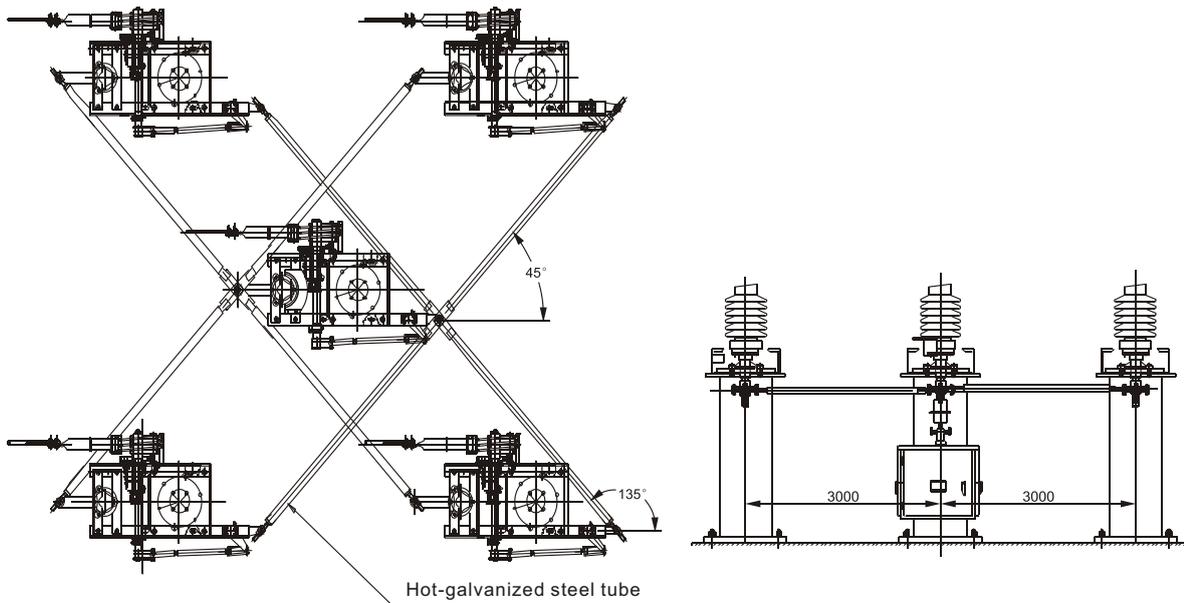
It's make up of foldaway movement and clamp movement.

Foldaway movement: CJ6A mechanism drive and rotating insulator (2) running horizontal, gear (4) drive double linkage (5) to make the conducting pipe (9) closing clockwise. Operating bar (8) which on top of adjustable linkage (6) make axial displacement, rack (11) movement drive gear (12) running to make the upper conducting pipe (15) and under conducting pipe (9) closing or opening. Otherwise, spring (10) storage and discharge according to scheduled requirement, to balance the blade torque fully.

Clamp movement: near closing position, idler wheel (13) moving along inclined surface, the pole (16) which on top of idle wheel (13) moving up. Symmetrical slide mechanism which inside the male contact holder (18) change moving operating of top pole (16) to clamp movement of the contact finger (20). idle wheel (13) moving up 3-5mm then closing completely after the female contact (19) bar was clamped, the function force of clamped spring is on the top pole now, then the top pole can get a steady force so that the contact finger (20) can make a clamped force with female contact bar. During opening operating, idle wheel (13) moving outward along inclined surface until away from there, top pole drive contact finger opening as 'V' type.

2 earth blade

There are motor and manual two types, the thermal steady current is same with main blade, mechanical and electric interlock can be achieved by the earth and main blade.



GW49-252 Disconnect switch of three pole installation drawing