

## GCK Low Voltage Withdrawable Switchgear

### Summary

The product is suitable for power plant, substation, industrial enterprise, etc. It takes a role of power distribution, motor control in 50/60Hz, Max. working voltage 660V, Max. working current 3150A distribution system.

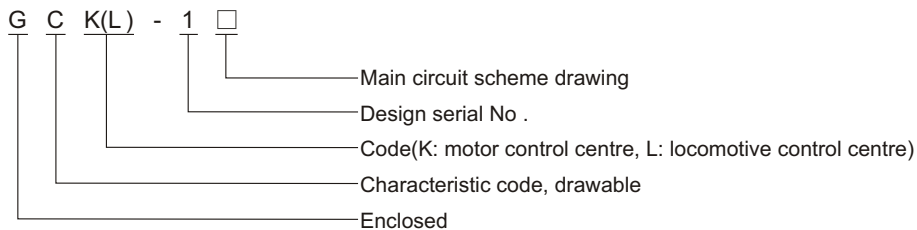
The product is high breaking capacity, perfect dynamic stable, reasonable structure, effective electric scheme, strong versatility, multi bops, save acreage, excellent appearance, high protection degree, convenient maintenance, secure and reliable.



### Ambient condition

1. Ambient temperature:  $-5^{\circ}\text{C}\sim+40^{\circ}\text{C}$ ;
2. Relative humidity: daily average  $\leq 95\%$ , monthly average  $\leq 90\%$ ;
3. Indoor type, altitude  $\leq 2000\text{m}$ ;
4. Earthquake intensity  $\leq 8$  degree;
5. Occasions without flammable and explosive matter, without corrosive chemical and frequent severe vibration.

### Model



### Structure feature

GCK panel is combination structure with bolt. The complete panel is composed of door, terminal board, baffle plate, supporting frame and drawer, busbar, etc.

Basic frame adopts FA 28 type or KB type (C type) to combine with together. Total structural components of frame are connected by self-tapping screw. It should add to door, faceplate, baffle plate, supporting frame and drawer to finish complete panel by requirements.

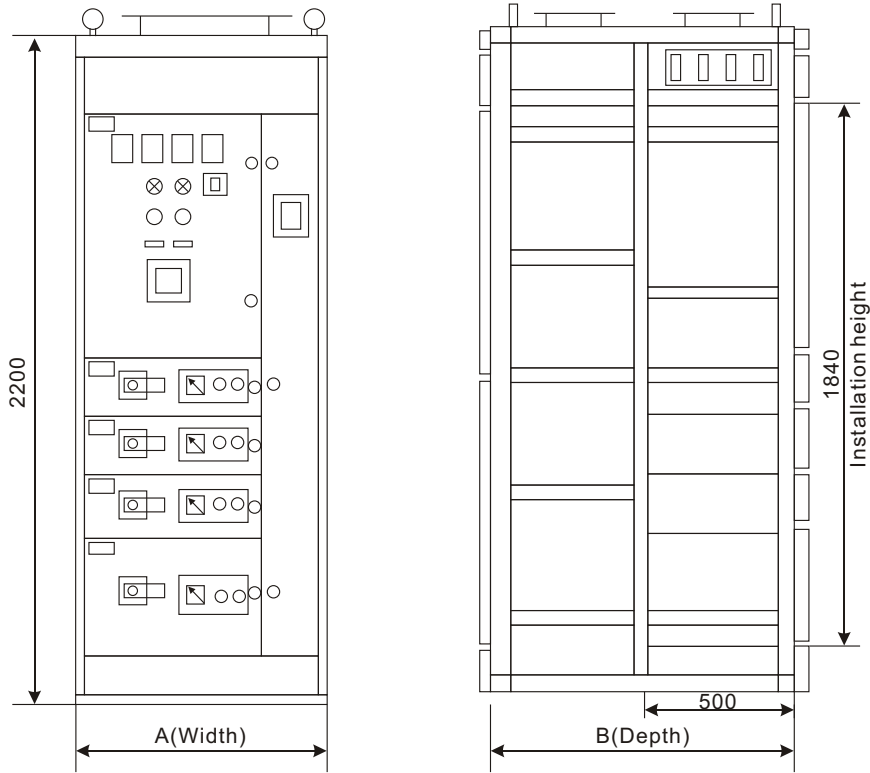
The installation hole of body and components modulus  $E=25\text{mm}$  change, flexible and convenient to install.

Drawer unit height divide into 1/2 unit, 200mm, 300mm, 400mm, 500mm and 600mm series. The loop current decide the drawer height, virtual installation height is 1800mm.

GCK panel withdrawable function unit adopts special push (pull) mechanism, light structure, perfect interchange. It indicate of working position, test position and isolating position mechanical locking condition. Install additional padlock for operating handle.

The frame and inner metal components are galvanized to assure reliable earthing.

## Outline and dimension



Installation dimension:

Dimension A	Dimension B	Dimension a	Dimension b
600	800	490	690
	1000	490	890
800	800	685	690
	1000	685	890
1000	800	890	690
	1000	890	890

