



# GCK 抽出式开关设备柜体

## - GCK Withdrawable Switchgear Cubicle

-  
柜体尺寸 Dimension

-  
高度 (Height) × 宽度 (Width) × 深度 (Depth)

-  
2200mm × 600(800/1000)mm × 800/1000mm





### 概述 General

GCK 低压抽出式开关柜适用于交流 50(60)Hz、额定工作电压小于等于 660V、额定电流 4000A 及以下的配电系统，适用于动力配电、电动机控制及照明等配电设备。符合 IEC60439-1、GB7251.1、JB/T9661 等相关标准。

GCK low voltage withdrawable switchgear is suitable for power distribution system with AC 50(60)Hz and rated working current up to 660V, applicable for power distribution equipment for distribution, motor control and lighting. It conforms to relevant standards such as IEC60439-1, GB7251.1 and JB/T9661.

### 结构说明 Structure instruction

柜体为组合装配式结构，骨架采用 KB 型材或 KS 型材组装而成。水平母线放置柜顶，柜顶采用敞开式结构，顶盖可开启，柜体装右后门，出线方式采用后出线，安装、维修更便捷。抽屉采用开门或带门操作方式。开门操作时抽屉采用拨把式二位置、拨把式三位置操作机构和螺旋式推进机构、带门操作时抽屉采用 CXJG 型操作机构。一次插件采用新型的无活门方式，可靠性更高。单元回路额定电流 600A 以下，其中 1/2 单元抽屉最大电流可达到 100A。柜体防护等级 IP3X-4X。

The assembled cubicle has its framework made of KB or KS profiles. The top is wide-open and the horizontal busbar is placed at the top with the cover open or not. A rear door is provided with the outgoing at the rear, facilitating mounting and maintenance. The drawer can be operated with or without the door open. When the door is open, the drawer is employed with trigger two-position or three-position operation mechanism and screw-type feeding mechanism; when the door is not open, the drawer is employed with CXJG type operation mechanism. The primary plug-in is of new type without calve, ensuring more dependability. The rated current of unit loop is up to 600A and 1/2 unit drawer can reach maximum current of 100A. The protection degree of the enclosure is IP3X-4X.

### 主要特点 Main characteristics

- 1、整柜采用拼装式组合结构，模数孔安装，零部件通用性强、适用性好、标准化程度高；
- 2、抽屉柜有效单元高度 1800mm，抽屉单元高度为 200mm/300mm/400mm/500mm/600mm 等；
- 3、柜体上部为母线室、前部为电器室、后部为电缆进出线室，各室间有钢板或绝缘板作隔离，以保证安全；
- 4、柜抽屉小室的门与断路器或隔离开关的开关操作手柄设有机械联锁，只有手柄在分断位置时门才能开启；
- 5、MCC 柜的抽屉具有三个位置：接通位置、试验位置、断开位置。
- 6、材质可选用电镀冷轧板、镀锌板、敷铝锌板制作。

1. The cubicle is of assembled structure, grids mounting, great versatility of parts and components, good applicability and high standardization level;
2. The effective height of drawer cabinet is 1800mm with module height of 200mm / 300mm / 400mm / 500mm / 600mm;
3. Cable compartment is situated at the upper, apparatus compartment at the front and cable access compartment at the rear. Steel plares or insulating plater are added as partition between each compartment as to ensure safety;
4. The door of drawer compartment has mechanical interlock with the opereting handke of circuit breaker or disconnect switch, therefore, it is opened only when the handle is in breaking position;
5. Drawer of MCC switchgear is provided with three positions as making, testing and breaking.
6. Material optional with galvanized cold rolled steel, galvanized steel or Aluminum-zinc coated steel.