



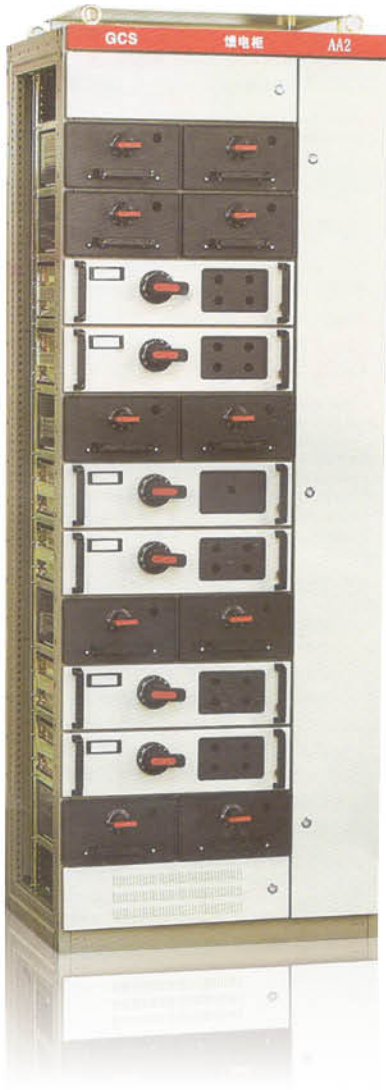
GCS 标准型抽出式开关设备柜体

GCS Standard Withdrawable Switchgear Cubicle

- 柜体尺寸 Dimension

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

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



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概述 General

GCS 抽出式开关柜适用于三相交流频率为 50Hz，额定工作电压为 400V(690V)，额定电流为 4000A 及以下的发、供电系统中，作为动力配电和电动机集中控制、电容补偿之用。广泛应用于发电厂、石油、化工、冶金、纺织、高层建筑等场所。产品符合 IEC60439-1、GB7251.1 及 JB/T9661 等相关标准。

GCS withdrawable switchgear is suitable for power generation and supply systems with power levels of 3-phase AC 50Hz, rated working voltage 400V(690V) and rated current up to 4000A, satisfying power distribution, motor concentrated control and capacitance compensation. It is widely applied in places like power plants, petroleum, metallurgy, textile and tall buildings, conforming to relevant standards such as IEC60439-1, GB7251.1 and JB/T9661.

主要特点 Main characteristics

- 1、框架采用 KS 型材，主框架上安装模数为 E=20mm 和 100mm 的 $\Phi 9.2$ mm 的安装孔，使得框架组装灵活方便；
- 2、开关柜的各功能室相互隔离，其隔室分为功能单元室、母线室和电缆室，各室的作用相对独立；
- 3、水平母线采用柜后平置式排列方式，以增强母线抗电动力的能力，是使主电路具备高短路强度能力的基本措施；
- 4、电缆隔室的设计使电缆上、下进出均十分方便；
- 5、抽屉高度为 160mm、240mm、320mm、480mm，其宽度、深度尺寸不变。相同功能单元的抽屉具有良好的互换性。单元回路额定电流 400A 及以下；
- 6、抽屉面板具有分、合、试验、抽出等位置的明显标志。抽屉单元设有机械联锁装置。以抽屉单元为主体，同时抽屉单元和固定单元可以混合组合，任意使用；
- 7、柜体的防护等级为 IP30-IP40。
- 8、材质可选用电镀冷轧板、镀锌板、敷铝锌板制作。

1. The frame adopted with KS profiles. The mounting holes in $\Phi 9.2$ mm with module E=20mm and 100mm on the main framework enables its assembly flexible and convenient;
2. The switchgear is divided into function unit compartment, busbar compartment and cable compartment with each compartment isolated and function relatively independent;
3. The horizontal busbar is placed flat at the back as to strengthen its capability against electromotive power, which is a basic measure to make the main circuit have strong short circuit capability;
4. The design of cable compartment facilitates easy access of cable;
5. The drawer height is 160mm, 240mm, 320mm, 480mm, same in width and depth. The drawers of same function units have great interchangeability. The rated current of unit loop is up to 400A;
6. The drawer panel is marked with obvious signs for positions as breaking, making, testing and drawing out. The drawer unit is provided with mechanical interlock device. Usually, drawer units are the main options, but they can be mounted together with fixed units in one cubicle for random use;
7. The degree of protection of the enclosure of the enclosure is IP30-IP40.
8. Material optional with galvanized cold rolled steel, galvanized steel or Aluminum-zinc coated steel.