



# KYN28G-12 铠装移开式交流金属封闭开关设备柜体

## KYN28G-12 AC Metal-clad Withdrawable Enclosed Switchgear Cubicle

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柜体尺寸 Dimension

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

-  
2300mm × 800(1000)mm × 1500/1660mm



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### 概述 General

KYN28G-12 型铠装移开式交流金属封闭开关设备系相交流 50Hz、额定电压 12kV 的户内成套配电装置，作为发电厂、变电站及工矿企业接受和分配电能之用，并具有对电路实行控制、保护和监测等功能。

KYN28G-12 AC metal-clad withdrawable enclosed switchgear is complete indoor power distribution equipment suitable for 3-phase AC 50Hz and rated voltage of 12kV. It is used for power acceptance and distribution, circuit control, protection and detection etc. in power plants, transformer substations or industrial and mining establishments.

### 结构说明 Structure instruction

KYN28G-12 开关设备在电气性能和结构布局上，除了具有 KYN28-12 共同的优点外，还有其新颖的前门结构及前门可靠的联锁装置，并获得多项国家实用新型专利。

Along with the same advantages with KYN28-12 in electric performance and structure layout, KYN28G-12 is designed with new front door structure and its reliable interlock device, such device obtained with national utility model patents.

### 主要特点 Main characteristics

- 1、实现关门才能操作手车。不关闭断路器室门，手车不能操作；手车不退回试验位置，断路器室门不能打开（申请专利号：200620104623.4）。满足 GB3906-2006 中新增加内容：“仅当前门关闭时，才能把可抽出部件从工作位置移到其它位置或由其它位置移到工作位置”，提高了对人员的防护作用。
- 2、配装新型紧急分闸装置，断路器在工作位置实现手动紧急分闸。手动紧急分闸装置在开关柜工作状态时将分闸推杆旋转到工作位置，并停在工作位置，在需用紧急分闸断路器时，直接推动按钮实现紧急分闸，缩短了分闸操作时间，（申请专利号：200620104624.9）。
- 3、改平板式门结构为立体式门结构，中间突出具有立体感，新设计的五爪式门铰链，克服了前门掉角的弊端，将原来的螺钉式门锁改为拉把式门锁，使门的开启更为方便快捷。
- 4、增加了操作程序标示牌，提醒客户按正常程序操作。
- 5、材质可选用镀锌板或敷铝锌板制作。
- 6、手车可配电动底盘车，实现远方控制。
- 7、接地开关可配电动操动机构，方便远方操控。

1. The CB is operated only when the door is closed. The handcart can not be operated if open. the door can not be opened if the handcar is not in testing position. ( Patent claim No.: 200620104623.4 ). It conforms to the new contents specified in GB3906-2006, "only when the front door is closed, the withdrawable part is allowed to be moved from working position to other position or vice versa", which enhances personnel protection.

2. CB in working position realizes manual emergency breaking. When the switchgear is working, the manual emergency breaking device is driven to rotate the breaking push bar to working position and caught there, and only by pushing the button when emergency breaking CB required. (Patent claim No.: 200620104624.9)

3. Plain door changed to solid door structure. Space perception achieved by protruding in the middle, the newly designed five-claw door hinge overcomes the problem of looseness of front door. The door lock is changed from bolt type to handle type to facilitate the use.

4. Operation procedure indicating plate is added to remind customer to operate according to normal procedures.

5. Material optional with galvanized steel or Aluminum-zinc coated steel.

6. Handcarts can work with electric cart chassis to make the remote control.

7. The earthing switch can work with electric operating mechanism to make the remote control.