



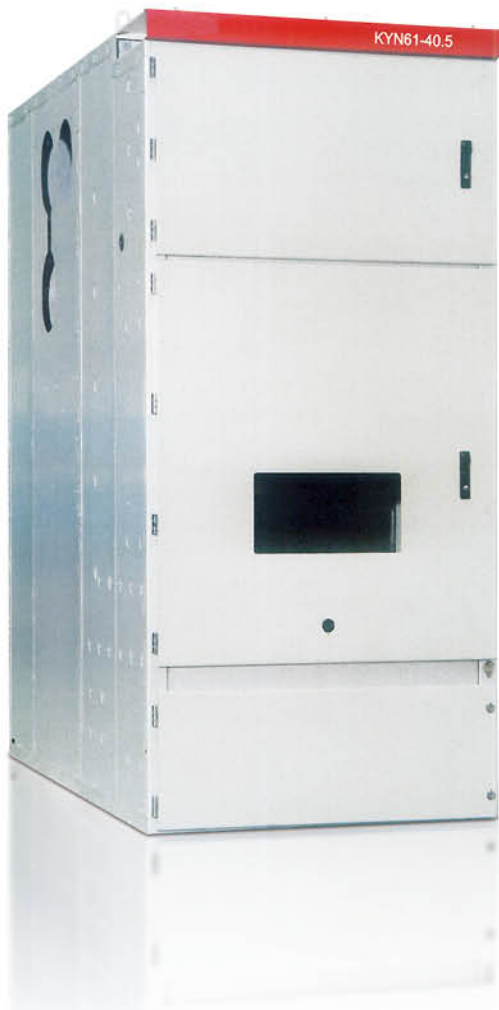
# KYN61-40.5 铠装移开式交流金属封闭开关设备柜体（中置式）

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KYN61-40.5 AC Metal-clad Withdrawable Enclosed Switchgear Cubicle (central-mounted type)

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柜体尺寸 Dimension

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高度 (Height) × 宽度 (Width) × 深度 (Depth)

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2400mm × 1200mm × 2600(2800)mm



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### 概述 General

KYN61-40.5 型开关柜系三相交流 50Hz、额定电压 40.5kV 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。

KYN61-40.5 switchgear is complete indoor power distribution equipment suitable for 3-phase AC 50Hz and rated voltage of 40.5kV . 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

开关柜按 GB3906 和 IEC298 标准而设计。整体由柜体和可抽出部件 (手车) 组成, 柜体结构均采用敷铝锌板或镀锌板用螺栓联接组装而成, 开关柜分隔为断路器室、母线室、电缆室和仪表室, 所有金属构件均可靠接地, 主回路系统的各隔室均设有独立的压力释放通道, 在电缆室内可设置 10 × 60mm 的接地母线。

The switchgear is designed as per GB3906 and IEC298.It is composed of cubicle and withdrawable part (handcart).The cubicle is made of Aluminum-zinc coated or galvanized steel sheets assembled using bolts and divided into circuit breaker compartment , busbar compartment , cable compartment and metering compartment.All metal parts are earthed reliably . Each compartment of main circuit system is available with separate pressure release channel . In cable compartment , 10 × 60mm earth bus can be chosen.

### 主要特点 Main characteristics

- 1、柜体结构采用组装式, 断路器采用于车中置式结构、体积缩小;
- 2、可选配: 本公司真空断路器 VW1-40.5、厦门华电真空断路器 VEP-40.5, 同类断路器具有互换性;
- 3、配备专用可升降式转运车, 转运车与柜体定位准确、锁定可靠;
- 4、主开关、手车、开关柜门之间的联锁均采用强制性机械闭锁方式, 满足“五防”联锁功能。
- 5、所有的操作均可在柜门关闭状态下进行, 保障操作人员的安全;
- 6、电缆室空间充裕, 可连接多根电缆, 并可架空出线;
- 7、外壳防护等级为 IP3 × , 手车室门打开及各隔室间防护等级为 IP2 × ;
- 8、材质可选用镀锌板或敷铝锌板制作。

1. Cubicle of assembled structure and CB of handcart central-mounted structure with volume decreased ;
2. Optionally equipped with our vacuum circuit breaker VW1-40.5 , Xiamen Huadian VEP-40.5 , Circuit breaker of the same type is interchangeable ;
3. Equipped with special lifting type transfer trolley , precisely located with the cubicle , reliably locked ;
4. Compulsory mechanical locking method is employed in the interlocks among main switch , handcart and cubicle door to meet the " five-safety " interlock function ;
5. All operations can be done when the cubicle door is closed as to safeguard the operating personnel ;
6. Spacious cable compartment enables access of several cables and overhead outgoing ;
7. The degree of protection of the enclosure is IP3X , and IP2X for barrier compartment and when the door of handcart compartment is open ;
8. Material optional with galvanized steel or Aluminum-zinc coated steel .