



# KYN61-40.5 铠装移开式交流金属封闭开关设备柜体（落地式）

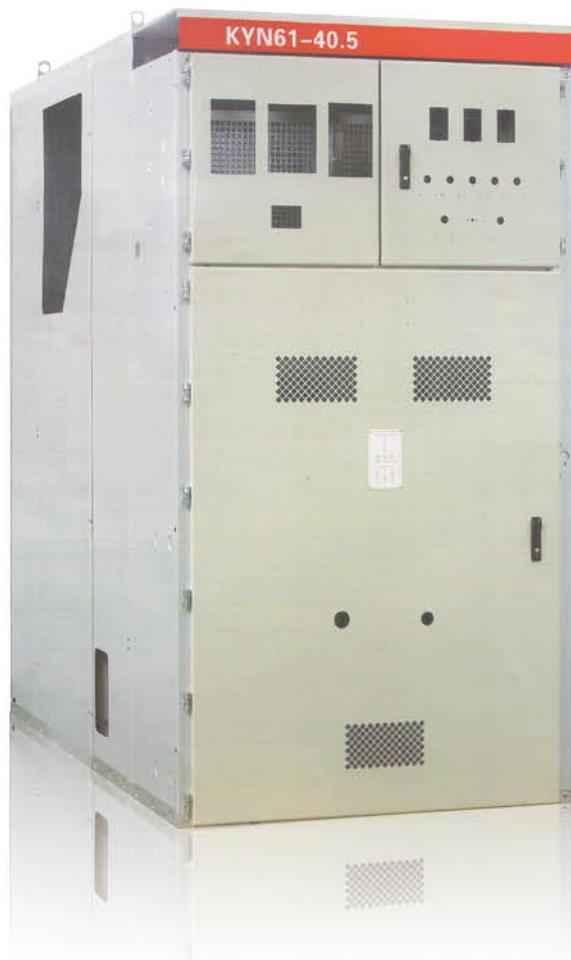
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KYN61-40.5 AC Metal-clad Withdrawable Enclosed Switchgear Cubicle (floor stand type)

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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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2600mm × 1400mm × 2800mm

-  
2400mm × 1200mm × 2600mm



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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只用，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, 断路器采用手车落地式结构;
- 2、可选配: 全国联合设计的真空断路器 ZN85-40.5(3AV3)、ABB 公司真空断路器 VD4-40.5、厦门华电固封式真空断路器 VEP-40.5、阿海法 SF6 断路器 FP4025D、施耐德 SF6 断路器 SF2, 同类断路器具有互换性;
- 3、手车车架中装有丝杠螺母推进机构、超越离合器, 可轻松移动手车, 并能防止误操作而损坏推进机构;
- 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 IP3X, 手车室门打开及各隔室间防护等级为 IP2X;
- 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 floor-type structure;
- 2.Compatible with ZN85-40.5(3AV3), ABB VD4-40.5, VEP-40.5, AREVA FP4025D, and SCHNEIDER SF2. Circuit breaker of the same type is interchangeable;
- 3.Feed screw nut mechanism and overrunning clutch is mounted in the handcart frame, which facilitates easy moving of the handcart and prevents from false operation damaging the feeding mechanism;
- 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.