MNS 标准型抽出式开关设备柜体

-

MNS Standard Withdrawable Switchgear Cubicle

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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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2200mm × 600(800/1000)mm × 800/1000mm

YIFA 中国·伊发

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概 述 General

MNS 型低压成套开关设备，适用于交流 50（60）Hz 额定工作电压 660V 及以下的系统，用于发电、输电、配电、电能转换和电能消耗设备的控制。符合 IEC60439-1、GB725.1 及 JB/T9661 等相关标准。

MNS low voltage switchgear is suitable for system with AC 50(60)Hz and working voltage up to 660V, and applicable for power generation, transmission, distribution, change-over and coneumption equipment control. It conforms to relevant standards such as IEC60439-1, GB7251.1 and JB/T9661.

主要特点 Main characteristics

1、框架为组合结构，基本骨架由 C 型钢材组装而成；
2、每一个柜体分隔为三个室，即水平母线室、抽屉小室、电缆室。各隔室之间用钢板或高强度阻燃塑料功能板相互隔开，上下层抽屉之间有带通风孔的金属板隔离，用以有效防止开关元件因故障引起的飞弧或母线与其它线路短路造成的事故；
3、设计紧凑：以较小的空间容纳较多的功能单元；
4、结构件通用性强、组装灵活，以 E=25mm 为模数，结构及抽出式单元可以任意组合，以满足系统设计的需要。
5、母线用高强度阻燃型、高绝缘强度的塑料功能板保护，具有抗故障电弧性能，使运行维修安全可靠；
6、各种大小抽屉的机械联锁机构符合标准规定，有连接、试验、分离三个明显的位置，安全可靠；
7、材质可选用电镀冷轧板、镀锌板、敷铝锌板制作。

1. The frame is of combined structure with basic framework made up of assembled C-profiled bars;
2. Each cubicle is partitioned into horizontal busbar compartment, drawer compartment and cable compartment. Steel plares or flame-retardant plastic function boards of high strength are added as parttion between each compartment and metal plares with ventilation holes are added as partition between drawers as to prevent switching element from accidents caused by flashover due to fault or short-circuit of busbar with other circuits;
3. Compact design enables to accommodate more function units within limited space;
4. Structure members have great versatility and flexible assembly. Taking E=25mm as module, the structure and withdrawable unit can have random compartment as to satisfy the demand of system design.
5. The busbar is protected by plastic function boards of high-strength flame-retardant and high insulation strength, which has performance against fault arc as to ensure safe and reliable running and maintenance;
6. Mechanical interlock gear of drawers in different sizes conforms to stipulation laid by standards and has three obvious positions as making, testing and breaking, with safety and dependability;
7. Material optional with galvanized cold rolled steel, galvanized steel or Aluminum-zinc coated steel.

抽屉类型 Drawer types

抽屉类型分五种标准尺寸，都是以 E=25 为模数，它们分别为 8E/4、8E/2、8E、16E 和 24E。单元回路额定电流 400A 及以下。其中 8E/4 和 8E/2 二种抽屉的结构是用阻燃兴塑料和铝合金型材组成。8E/4 单元抽屉最大可承受电流为 32A，8E/2 单元最大可承受电流为 63A。四种抽屉单元在一个柜体中作单一组装，也可以混合组装。功能单元隔离总高度为 72E(1800mm).

Drawer types：taking E=25mm as module, divided into five standard sizes as 8E/4, 8E/2, 8E, 16E and 24E. The rated current of unit loop is 400A or below. Among them, 8E/4 and 8E/2 modules are made of fire-retardant plastics and aluminum alloy profiles. 8E/4 module can withstand maximum current of 32A and 8E/2 of 63A. In one cabinet, we can choose the same type of module unit or four different types mounted together. The total height of function unit compartment is 72E(1800mm).