



DXG-12 箱型固定式开关设备柜体

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DXG-12 Box-type Fixed 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 × 800mm × 1200/1400/1600mm



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概述 General

DXG-12 型开关柜适用于 3-12kV 三相交流 50Hz 单母线及双母线带旁路母线系统中，作为接受和分配电能之用，属于新一代小型化城乡电网设备，具有高档次、小型化、参数全、价位低、少维护、结构合理、安全可靠、运行操作简单等特点。可广泛应用于电力、冶金、石化和城建等行业。

DXG-12 switchgear is suitable for single busbar and double busbar bypass systems with power levels from 3 to 12kV three-phase AC 50Hz to accept and distribute power. It is new generation small power equipment used in cities and rural areas, which is distinguished with features as high grade, small volume, complete parameter, low cost price, little maintenance, reasonable structure, safety and dependability, simple in running and operation, enjoying wide application in fields such as power, metallurgy, petrochemical and city construction.

结构说明 Structure instruction

本开关柜主要由母线室、断路器室、仪表室、电缆室组成。各室之间用钢板分隔，可避免故障部位影响到邻室。主回路各隔室均设有独立的压力释放通道。

当设计为靠墙安装时，电缆室位于柜体的前部下方。对于主电路接线为联络方案时，本室则为联络室，可采用母排与左右柜直接连接，架空进出线另设附柜。具有按程序操作的可靠的机械联锁装置，为操作人员与设备提供可靠的安全保护。

The switchgear is composed of busbar compartment, CB compartment, metering compartment and cable compartment. Each compartment is separated by steel plates as to avoid fault location affecting neighboring compartments. Each compartment on the major loop is available with separate pressure release channel.

When the switchgear is mounted against wall, the cable compartment shall be situated in the front lower part. For coupling option of main circuit wiring, it shall be the coupling compartment, with the possibility of busbar in direct connection with the left and right cubicles and an additional cubicle considered for overhead access. The mechanical interlock device operated as per procedures can provide reliable safety protection personnel and equipment.

主要特点 Main characteristics

- 1、该柜结构新颖、功能全，具有固定柜的隔离带电主母线特点，又具有中置柜检修方便、断路器开关易更换的特点；
- 2、柜体为空气绝缘，可配装机构一体小型化的真空断路器：VS1-12(ZN63A)、VD4-12 真空断路器；
- 3、选配的隔离开关为最新设计的小型化 DGN-12 隔离开关，齿轮传动方式，操作省力、灵活可靠；
- 4、柜体采用敷铝锌板经双重折边组装而成，具有结构紧凑、刚性良好等特点；
- 5、该柜具有可靠的“五防”闭锁功能，前后门有强制的机械闭锁，进出线两端都配有接地开关，从而保证检修的安全，操作方式为旋转式，方便灵活省力；
- 6、材质可选用镀锌板或敷铝锌板制作。

1. The cubicle is new in structure and complete in functions, not only possessing the features of insulation and charged main busbar owned by fixed cubicles, but also the features of easy maintenance and replacement of CB owned by mid-placed cubicles;
2. The cubicle is air insulated and compatible with small vacuum circuit breakers of integrated mechanism as VS1-12(ZN63A)、VD4-12;
3. The disconnect switch selected is newly-designed small DGN-12, driven by gear, flexible and reliable in operation with small operating force;
4. The cubicle consists of aluminum zinc coated sheet steel, assembled with two-folded edges, featuring in compact structure and good stiffness;
5. The cubicle is provided with reliable "five-safety" locking functions. There are compulsory mechanical locking both at front and rear doors, earthing switches both at incoming and outgoing terminals, thus to ensure the safety during maintenance. Due to rotary method, it is operated easily, flexibly and labor-saving;
6. Material optional with galvanized steel or Aluminum-zinc coated steel.