

GW4-10(15,35)/630-2000A 型户外交流高压隔离开关

GW4-10(15,35)/630-2000A Outdoor AC HV Disconnect Switch

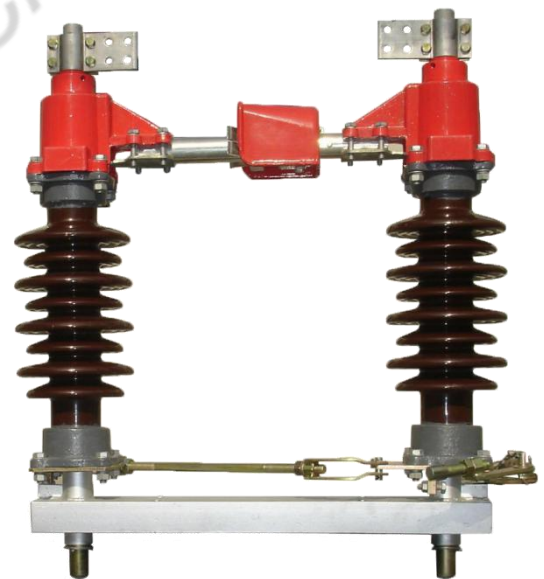
1. 概述 Overview

GW4-10(15,35)/630-2000A 型户外交流高压隔离开关系双柱式三相交流 50Hz 户外高压开关设备，用于电压 10~35KV 的电力系统中，在有电压无负载时分合电路之用，以及对被检修的高压母线、断路器等电器设备与带电的高压线路进行电器隔离之用。其中防污型的隔离开关可满足重污秽地区用户的要求，并可以有效地解决隔离开关在运行中出现的污闪问题。GW4 系列与 CJ2、CJ5、CJ6、CJ11 系列电动操动机构组合，特别适合电力系统和电气化铁路领域对远距离分、合的需要。

GW4-10(15,35)/630-2000A outdoor AC high-voltage disconnect switch is a double-post three-phase AC 50Hz outdoor high voltage switch equipment, used in the power system with a voltage of 10~35KV, used to open and close circuit when there is voltage and no load, and used to isolate the high voltage bus, circuit breaker and other electrical equipment under maintenance from the live high voltage circuit. The anti-pollution type disconnect switch can meet the requirements of users in heavily polluted areas, and can effectively solve the pollution flashover problem that occurs in the operation of the disconnect switch. The combination of GW4 series and CJ2, CJ5, CJ6, and CJ11 series electric operating mechanisms is particularly suitable for the needs of long-distance open and close in the field of electric power systems and electrified railways.

2. 使用条件 Use Conditions

- 海拔高度≤3000m，环境温度-40℃~+40℃。
- 风速≤35m/s，地震烈度≤8 度。
- 适应于城市、工矿附近等污秽地区。
- 不适应于有燃烧和爆炸危险、有剧烈震动和冲动、有严重腐蚀金属和绝缘材料的化学物质的场所。



- Altitude $\leq 3000\text{m}$, ambient temperature $-40^{\circ}\text{C}\sim+40^{\circ}\text{C}$.
- Wind speed $\leq 35\text{m/s}$, earthquake intensity ≤ 8 degrees.
- Suitable for polluted areas such as cities and near industrial and mining areas.
- Not suitable for places with burning and explosion hazards, severe vibration and impulse, and chemical substances that severely corrode metals and insulating materials.

3. 技术参数 Technical Parameters

Model	Rated voltage (kV)	Rated current (A)	Limiting through-current peak (kA)	5S steady current (kA)
GW4-10 with (W) anti-pollution type	10	200	10	5
		400	20	10
		600	50	14
		1000	80	21.5
		1600	90	25
GW4-15	15	200	15	5
		400	25	10
		600	50	14
		1250	80	21.5
GW4-35	35	200	20	10
400		30	10	
GW4-35D		600	50	14
GW4-10IID with (W) anti-pollution type		630	56	15
		1000	80	21.5
		1250	90	23
		2000	104	45
GW4-60	60	600	50	14
GW4-60D		1000	80	21.5
GW4-110	110	600	50	14
GW4-110D		1000	80	21.5
GW4-220	220	630	50	14
GW4-220D		1250	80	21.5