

**HZW-24KV 型户外交流真空断路器 AC OUTDOOR VACUUM CIRCUIT BREAKER**



■ **主要用途 Mostly purpose**

HZW-24 型户外交流真空断路器是本公司自主开发、具有多项专利技术的实用新型产品。适用于额定电压 24kV，三相交流 50Hz 的户外配电网，主要用于开断，关合电力系统中的负荷电流、过载电流及短路电流。使用于变电站及工矿企业配电系统中作保护和控制之用，更适用于农村电网及频繁操作的场所。本产品与控制配套，能满足配电自动化系统要求，并能可靠而有效地完成传统的重合器作用。

HZW-24 type AC outdoor vacuum circuit breaker

is a new and practical product developed by our company with several kinds of patent. It is mainly applied for switching on or off of load current, overload current and short-circuit current of power system in AC three-phase outdoor power distribution net with rated voltage of 24kV and frequency of 50Hz. It is used for protection and control in power substation and enterprise' power distribution system, and is more applicable for rural power grids and frequent operation occasion. The product and its supporting control equipment can meet the automatization requirement of power distribution system and also act the traditional recloser' s function reliably and efficiently.

**主要参数 Technic Parameter**

■ **电压参数 voltage parameters**

项 目 Item	单价 Unit	参数 Parameter	
		24kV	
额定频率 Rated frequency	Hz	50/60	
额定电压 Rated voltage	kV	24	
一分钟额定工频耐受电压 I min Rated short-time power frequency withstand voltage	kV	干式 dry test	60
		湿式 Wet test	50
额定雷电冲击耐受电压 Rated lightning impulse withstand voltage	kV	125	

■ **电流参数 current ratings**

项 目 Items	单位 Unit	参数 Parameter	
		24kV	
额定电流 Rated current	A	630	
额定触头压力下限时的回路电阻 Circuit resistance lowest rated contact force		≤80	
额定短路开断电流 Rated short-circuit breaking current	KA	16	
额定短时耐受电流 Rated short-time withstand current	KA	16	
额定短路持续时间 Rated duration of short-circuit	S	3	
额定峰值耐受电流 Rated peak withstand current	KA	40	
额定短路关合电流 Rated short-circuit making current	KA	40	
额定操作顺序 Rated operating sequence	0-t1-C0-t2-C0-T3-C0 闭锁(lock)		