

**145KV 紧凑型易装式变电站 COMPACT EASYINSTALLING SUBSTATION****产品其特点 The characteristics**

该产品属于“紧凑型易装式空气绝缘变电站”，它是在工厂内将若干分立元件预制成两个间隔（断路器间隔和测保间隔），包含控制柜。这两个间隔的装配及测试均在工厂内全部完成。先采用解体包装，现场组装方式。

The products are "compact easy installing layout of the air insulated substation", it is the number of discrete components within the factory of prefabricated into two intervals (circuit breaker protection interval and measurement interval), contains the control cabinet. The two assembly and test interval are completed in the factory. First by the disintegration of packaging, on-site assembly methods.

该产品的特点是：占地面积比常规布置减少 60%左右。常规布置每间隔长度为 24m,该产品为 10.6m；常规布置每间隔宽度为 8m,该产品为 6.5m 因为包括杆塔、母线均可在工厂加工预制，所以能加快现场的施工速度，缩短安装周期，可靠性高也是此产品的优点之一。若将装置中所有“移动电器”全部移开后，剩下的就是许多按规定距离安装的支柱绝缘子和管型导体而已。这些管型导体截面结构及连接点均为特制，强度极高，且为通过型式试验（温升、动热稳定）的成套产品，抵抗风雪等自然条件更无问题。至于安装于固定绝缘子上的触头一般仅为一个铜棒，无需检修。

The features of this product are: covering an area of less than about 60% of conventional layout. General layout of the length of each interval is 24m, the product is 10.6m; The conventional layout width of each interval is 8m, the product is 6.5m. Because including towers, bus bar can be processed in a factory prefabricated, they are able to speed up the construction site speed, reduced installation cycle, high reliability is one of the advantages of this product. If we installed all the "mobile appliances" After removing all the remaining distance is required to install many of the pillars of insulator and conductor tube only. Conductor cross-section of these tubular structures and connections are a special, high strength,

And through the type test (temperature, dynamic thermal stability) of the complete product, resistance to snow and other natural conditions are no problem. As far as the contact on the fixed insulator typically only a rod, without maintenance.

Add: Meichi Industrial Zone, Yunlong town, Ningbo City, zhejiang Province, P.R.China Post code: 315137  
TEL: + 86 ( 574 ) 88079260 FAX: + 86 ( 574 ) 88079270 EMIAL: nbhyem@hotmail.com



名称 name	规格 Specification	单位 Unit	参数 parameters
通用部分 General Part	额定电压 Rated voltage	KV	145
	额定频率 Rated frequency	Hz	50
	额定电流 Rated Current	A	1250
	额定短时工频耐受电压 (1min) (有效期) Rated short-time power frequency withstand voltage (1min) (valid)	KV	275
	额定雷电冲击耐受电压 (1.2/50μs) 峰值 Rated lightning impulse withstand voltage (1.2/50μs) peak	KV	650
	额定短时耐受电流 Rated short time withstand current	KA	31.5
	额定断路持续时间 Rated circuit duration	s	3
	额定峰值耐受电流 Rated peak withstand current 爬电比距 Creepage distance	KA mm/KV	100 ≥25, ≥31
电力变压器 Power Transformer	额定电压 Rated voltage	KV	11KV/132kv
	额定容量 Rated Capacity	MVA	30MVA/35MVA
	有载分接范围 On Load Tap changer Range	%	-20%-10% @ 1.25%
配电变压器 Distribution transformer	额定电压 Rated voltage	KV	11kv
	额定容量 Rated Capacity	KVA	1500kva
	无载分接范围 Off Load Tap changer Range	%	-2x2.5%-2x2.5%
SF6 断路器 SF6 Gas Circuit Breaker	额定电压 rated voltage	kv	145kv
	额定电流 rated current	a	1250a
	开断能力 breaking capacity	ka	31.5ka
	操作机构 operation type		Motorized /manual
隔离开关 Disconnecter	额定电压 rated voltage	kv	145kv
	额定电流 rated current	a	1250a
	开断能力 breaking capacity	ka	31.5ka
	操作机构 operation type		Motorized /manual
电流互感器 Inductive Current Transformer	额定电流比 Rated current ratio		2 x 200~1000A/5A
	额定准确级 Rated accuracy class		0.2, 0.5, 5P, 10P
	额定输出容量 Rated output capacity	VA	30~60
	额定绝缘水平 Rated insulation level	KV	132kv/275kv/650kv
电压互感器 Inductive Voltage Transformer	额定电压比 Rated voltage ratio	KV	132kv/√3/0.1kv/√3/0.1kv/√3
	额定输出及准确级 Rated output and accuracy class	VA	30va/50va/75va/100va/150va
	线圈数量 Coil number	Pole	2, 3, 4, 5
氧化锌避雷器 zinc oxide arrester	系统额定电压 Rated voltage system	KV	132kv
	持续运行电压 Continuous operating voltage	KV	98
	避雷器额定电压 Arrester rated voltage	KV	120
	标称放电电流 Nominal discharge current	KA	10