

产品特点 Features

ZW32-12/Y630-20、25型户外永磁高压真空柱上干式断路器(以下简称断路器),是额定电压12kV、50Hz交流三相高压配电网中的控制保护设备。主要用于开断、关合电力线路中的负荷电流、过载电流及短路电流。适用于变电站及工矿企业配电系统中作保护和控制之用。

本断路器采用立柱型、干式结构,绝缘可靠、电寿命长、免维护,特别适用于频繁操作场所的要求。更宜于检修、维护能力不强的农村电网安装使用。

符合《GB1984交流高压断路器》、《GB1985交流高压隔离开关和接地开关》、DL/T402、DL/T403的要求。

ZW32-12/Y630-20, 25 outdoor permanent magnet HV vacuum column dry-type circuit breaker (hereinafter referred to as circuit breakers), rated voltage of 12kV, 50Hz AC three-phase high voltage distribution grid control Protective equipment. Mainly used for breaking and closing the load current, overload current and short circuit current in the power lines. For substation and industrial and mining enterprises in the distribution system protection and control purposes.

This circuit breaker has the column type, dry-type structure, reliable insulation, long life, maintenance-free, especially for frequent operation places requirements. More appropriate for the repair, maintenance is not strong agricultural Installed in the village grid.

型号含义 Type meaning

ZW 32 - 12 / 630 - 20 Y

ZW	户外真空断路器	Outdoor vacuum circuit breaker
32	额定短路开断电流	Rated short-circuit breaking current
12	额定电压	Rated voltage
630	额定电流	Rated current
20	设计序号	Design number
Y	永磁操作机构	Permanent magnet operating mechanism

技术参数 Technology parameter

序号 NO.	名称 Name	单位 Unit	数据 Data
1	额定电压 Rated voltage	kV	12
2	额定绝缘水平 Rated insulation	1min工频耐受电压 1min Power frequency withstand voltage	干式 Dry type 42/断口(fracture)48
		湿式 Wet type 34	
	雷电冲击耐压(峰值) Power frequency withstand voltage	75/断口(fracture)85	
3	额定电流 Rated current	A	50、75、100、200、400、630
4	额定短路开断电流 Rated short-circuit breaking current	kV	25 20 16
5	额定短路电流开断次数 Rated short-circuit breaking current times	次 Time	30
6	额定短路关合电流(峰值) Rated short-circuit making current(peak)	kV	63 50 40
7	额定峰值耐受电流 Rated peak withstand current	kV	63 50 40
8	额定短时耐受电流 Rated short-time withstand current	kV	25 20 16
9	额定短路持续时间 Rated short-circuit time	s	4
10	分闸时间 Opening time	ms	<50

序号 NO.	名称 Name	单位 Unit	数据 Data
11	合闸时间 Closing time	ms	< 60
12	全开断时间 All breaking time	ms	≤ 100
13	燃弧时间 Arcing time	ms	≤ 50
14	机械寿命 Mechanic life	次 Time	30000
15	合闸功 Closing joule	J	70
16	额定操作电压及辅助回路额定电压 Rated operation voltage and reated voltage of auxiliary loop	V	DC220 AC220

外形尺寸及安装图 Outline and installation dimensions

