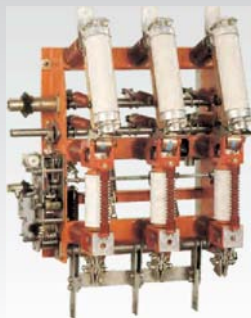


FZN21-12D型真空负荷开关和FZRN21-12D型真空负荷开关—熔断器组合电器

FZN21-12D vacuum load breaking switch and FZRN21-12D vacuum load breaking switch —fuse combination

中压元件
M.V. Apparatus



用途:

FZN21-12D型真空负荷开关和FZRN21-12D型真空负荷开关—熔断器组合电器适用于交流50Hz，额定电压12kV的网络中，作为开断负荷电流，过载电流和短路电流之用，特别适用于无油化、少检修及频繁操作要求的场所。

特点:

- 开断能力强。
- 安全可靠，基本不需维护。
- 可频繁操作，电寿命长。
- 具有明显的隔离断口。
- 可配装具有关合能力的接地开关。
- 产品符合IEC420、GB3804等标准。

Application:

FZN21-12D vacuum load breaking switch and FZRN21-12D vacuum load breaking switch —fuse combination applies to the network with the frequency of AC 50Hz, and the rated voltage of 12kV, used for breaking load current, overload current, and short-circuit current. It especially applies to situations where there is no oil, little inspection, and it is frequently operated.

Characteristics:

- Large breaking capacity.
- Safe and reliable, basically need no maintenance.
- It can be operated frequently, and the electrical endurance is long.
- It has obvious isolation distance.
- It can match together with the earthing switch with the making capacity.
- The product conforms to the IEC420, and GB3804 Standards.

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主要技术参数
Major technical parameters

序号 S/N	项目 Items	单位 Unit	技术参数 Technical Parameters	
			FZN21-12D	FZRN21-12D
1	额定电压 Rated voltage	kV	12	12
2	额定电流 Rated current	A	630	125
3	额定频率 Rated frequency	Hz	50	50
4	1min工频耐受电压 1 min Power-frequency withstand voltage	kV	42（真空断口、相间、对地） 48（隔离断口） 42(between open contacts in the vacuum interrupter, between phases, to earth); 48 (across the isolation distance)	
	雷电冲击电压 Lightning impulse withstand voltage		75（真空断口、相间、对地） 85（隔离断口） 75 (between open contacts in the vacuum interrupter, between phases, to earth); 85 (across the isolation distance)	
5	额定短时耐受电流 Rated short-time withstand current	kA/s	20/4	
6	额定峰值耐受电流 Rated peak withstand current	kA	50	
7	额定有功负载开断电流 Rated active load breaking current	A	630	
8	额定开断转移电流 Rated transfer current	A		3150
9	额定短路关合电流 Rated short-circuit making current	kA	50	
10	额定操作电压 Rated operating volitage	V	-110; -220; ~110; ~220	
11	机械寿命 Mechanical endurance	次 Times	10000	10000
12	外形尺寸（宽×深×高） Dimension(W×D×H)	mm	640×460×990	