

ZN63A-12型户内真空断路器

ZN63A-12 indoor vacuum circuit-breaker

中压元件
M.V. Apparatus



用途:

ZN63A-12型户内真空断路器适用于投切各种不同性质的负荷及频繁操作的场合，可供工矿、企业、发电厂及变电站电气设施的保护和控制之用。

Application:

ZN63A-12 indoor vacuum circuit-breaker applies to situations with switching loads of various natures, where it is frequently operated, and can be used for protection and control of the electrical facilities in factories and mines, enterprises, power plants and substations.

特点:

- 真空灭弧室装于采用APG工艺浇注而成的环氧树脂绝缘筒内，大大减少粉尘在灭弧室表面聚积。
- 灭弧室和操动机构前后布置，组成统一整体，减少不必要的中间传动环节，降低能耗和噪声。
- 性能可靠，维护简单。
- 可装入手车式开关柜，也可装入固定式开关柜。
- 产品符合IEC56、GB1984、JB3855、DL/T403等标准。

Characteristics:

- The vacuum interrupters are installed in the epoxy resin insulation barrel cast with the APG technology, therefore, the dust accumulated on the surface of the vacuum interrupters is greatly reduced.
- The vacuum interrupters and the operating mechanism are laid out fore and after, to compose an integrated whole. So the unnecessary intermediate driving links are reduced, and the power consumption and noise are lowered.
- With reliable performance, and simple maintenance.
- It can be installed into the metal-clad withdrawable switchgear, or the fixed metal-enclosed switchgear.
- The product conforms to such standards as IEC56, GB1984, JB3855 and DL/T403.

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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		
1	额定电压 Rated voltage	kV	12		
2	额定电流 Rated current	A	630、1250	1250	3150
3	额定频率 Rated frequency	Hz	50		
4	1min工频耐受电压 1min power-frequency withstand voltage	kV	42（相间、相对地）；48（断口间） 42（between phases, to earth）； 48（across the isolating distance）		
5	雷电冲击试验电压 Lightning impulse withstand voltage	kV	75（相间、相对地）；85（断口间） 75（between phases, to earth）； 85（across the isolating distance）		
6	额定操作顺序 Rated operating sequence		分—0.3s—合分—180s—合分 O—0.3s—CO—180s—CO		
7	额定开断电流 Rated short-circuit breaking current	kA	20/25	31.5	40
8	额定短路关合电流（峰值） Rated short-circuit making current (peak value)	kA	50/63	80	100
9	额定短路持续时间 Rated duration of short circuit	S	4		
10	开断次数 Breaking time	次 Times	100	50	30
11	机械寿命 Mechanical endurance	次 Times	20000		