



## 12kv outdoor Vacuum Circuit Breaker (ZW32-12)

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12kv outdoor VCB (ZW32 series) spring mechanism outdoor vacuum breaker, a kind of outdoor pillar high voltage vacuum circuit breaker, with 50Hz, three-phase alternating current and 11KV rated voltage. It apply to open circuit、 close the load current、 overload current and short -circuit current and other power distribution system, such as substation、 industrial and mining.

### ➤ Normal service condition

Altitude		≤1000m
Ambient temperature	Max	+40℃
	Min	-15℃
Ambient humidity:		24 hour ≤95%
Maximum average humidity		1 month ≤90%
Maximum water vapor pressure		24 hours ≤2.2kpa
		1 month ≤1.8kpa

The ambient air has no obvious pollution of dust smoke, corrosive or combustible gases, steams or smog

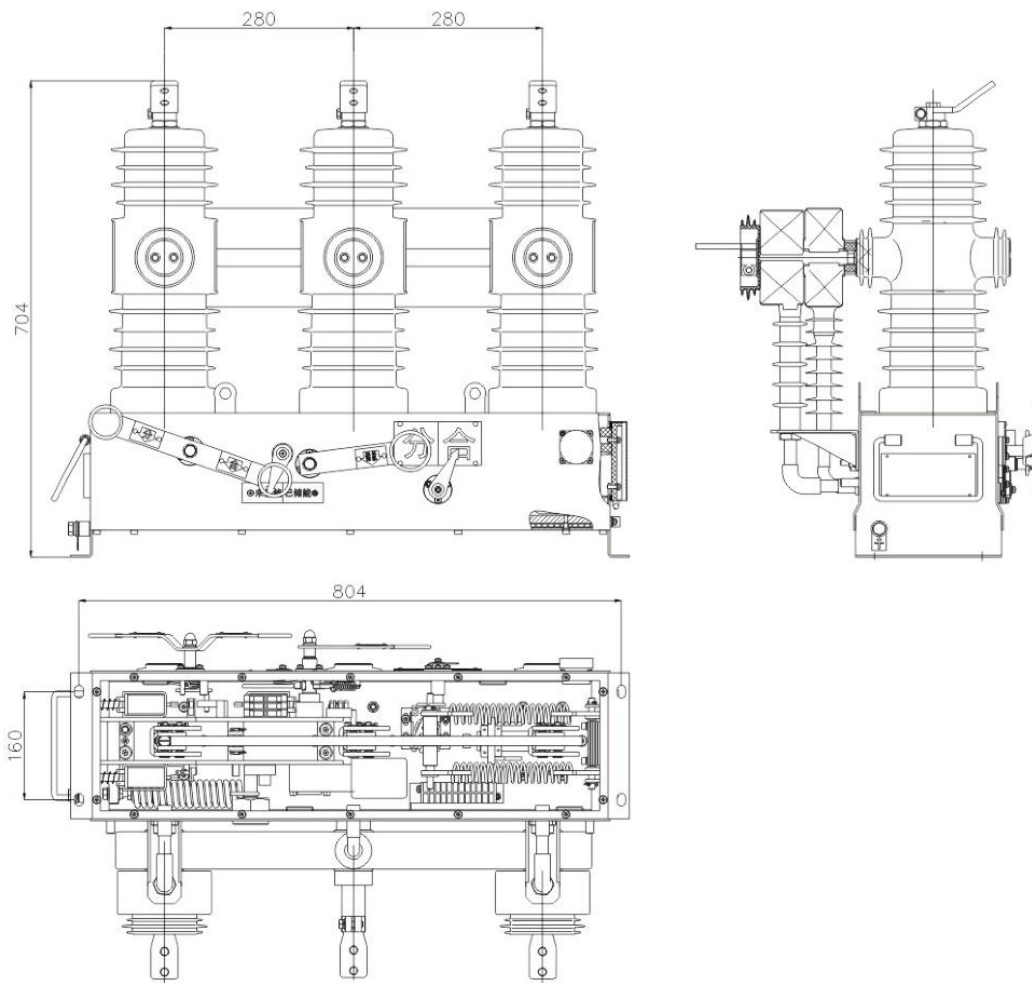
### ➤ Features

- high reliability, high mechanical and electrical life
- No maintenance
- Small size, light weight, easy to install
- Standard relay protection and quick automatic reclosing function

### ➤ ZW32-12/M Technical Parameters

No.	Items	Unit	Parameter
1	Rated voltage	KV	12
2	Rated current	A	630 1250
3	Rated frequency	Hz	50/60
4	1 minute withstand pressure	Wet	34
		Dry	42
		To ground	49
5	Lightning shock withstand current phase, to ground	KV	75/85
6	Rated short-circuit breaking current	KA	20 25
7	Rated short-circuit closing current		50 63
8	Rated peak value of withstand current		50 63
9	4s short time withstand current		20 25
10	Rated operating sequence		O-0.3s-CO-180s-CO
11	Rated short circuit breaking current breaking times	times	30
12	Mechanical endurance		30000
13	Permanent magnet control voltage	V	AC/DC 220
14	Secondary circuit, 1 minute power frequency withstand voltage	KV	2

➤ Structure Drawing



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