

**ZW32-40.5 型户外高压真空断路器**

**ZW32-40.5 OUTDOOR HV VACUUM CIRCUIT BREAKER**



**GHORIT ELECTRICAL CO., LTD.**

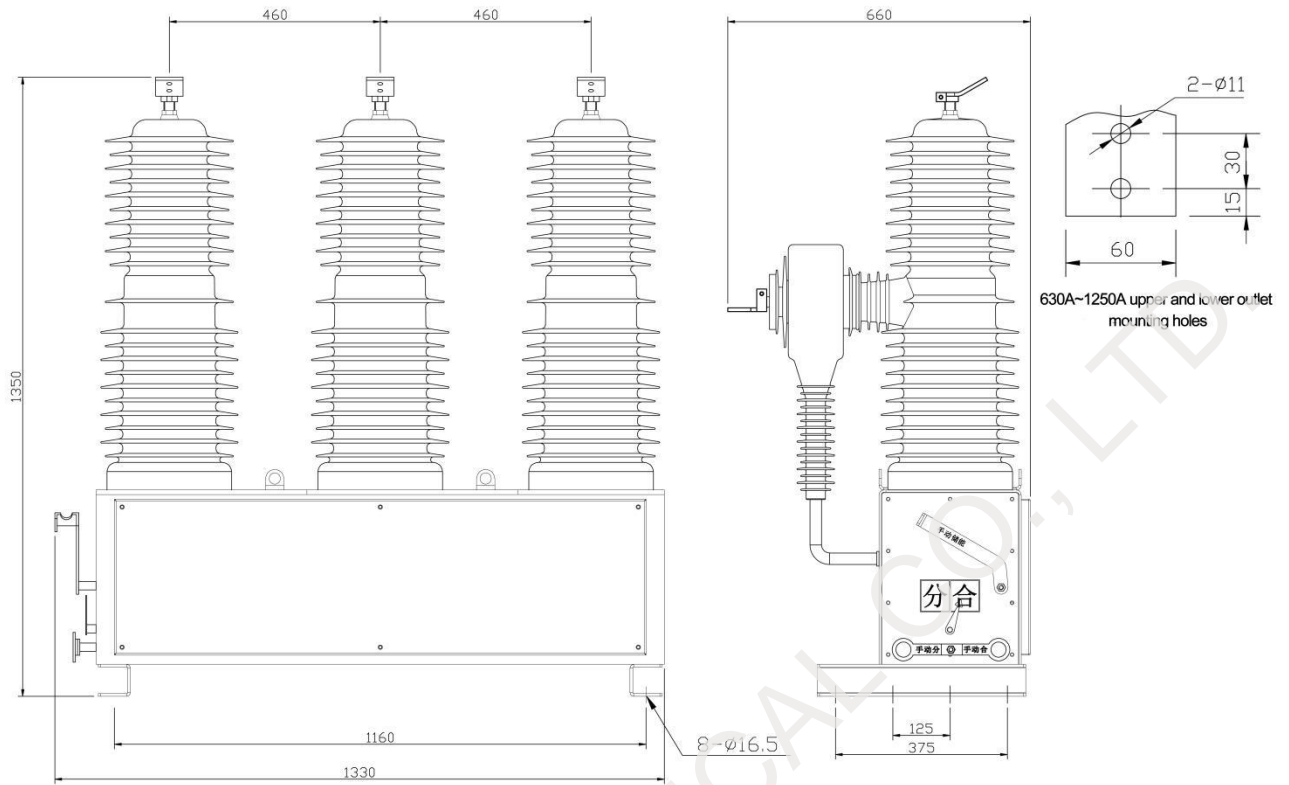
## ◆ Use Conditions

1. Ambient temperature:  $-30^{\circ}\text{C}\sim+60^{\circ}\text{C}$ ;
2. Altitude:  $\leq 3000\text{m}$ ;
3. Wind speed:  $\leq 34\text{m/s}$ ;
4. Pollution grade:  $\leq \text{IV}$ .
5. Storage temperature:  $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$ .

## ◆ Main Technical Parameters

序号 NO.	项目 Items	单位 Unit	数据 Value
1	额定电压 rated voltage	kV	40.5
2	1min 工频耐压 1min power frequency withstand voltage	kV	95
3	雷电冲击耐压 lightning impulse withstand voltage	kV	185
4	额定频率 rated frequency	Hz	50
5	额定电流 rated current	A	630, 1250, 1600
6	额定短路开断电流 rated short circuit breaking current	kA	20, 25, 31.5
7	额定短路关合电流(峰值) rated short circuit making current (peak)	kA	50, 63, 80
8	额定峰值耐受电流 rated peak withstand current	kA	50, 63, 80
9	4s 短时耐受电流 4s withstand current	kA	20, 25, 31.5
10	额定操作顺序 rated operating sequence	S	O-0.1s-CO-3s-CO-6S -60s recovery
11	额定短开断电流开断次数 rated short circuit current breaking number	次 times	30
12	机械寿命 mechanical life	次 times	10000
13	机构控制电压 mechanism control voltage	V	AC/DC220
14	二次回路 1min 工频耐压 secondary circuit 1min power frequency withstand voltage	kV	2
15	触头开距 clearance distance between open contacts	mm	16 $\pm$ 1
16	触头超程 over travel	mm	4 $\pm$ 0.5
17	分闸速度 opening speed	m/s	1.4-1.8
18	合闸速度 closing speed	m/s	0.4-0.8
19	触头合闸弹跳时间 contact closing bounce time	ms	$\leq 5$
20	三相分合闸不同期 three phase opening/closing asynchronism	ms	$\leq 2$
21	合闸时间 closing time	ms	$\leq 100$
22	分闸时间 opening time	ms	$\leq 50$
23	重量 weight	kg	270

### ◆ Overall Drawing



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