

## HZN63A-24 户内交流真空断路器 INDOOR AC MEDIUM-VOLTAGE VACUUM CIRCUIT BREAKER

■ 技术参数 Technical parameters

序号 Sr.No.	项目 Item	单位 Unit	参数 Parameter		
1	额定电压 Rated voltage		24		
2	额定绝缘水平 Rated insulation level	kV	一分钟工频耐受电压 (有效值) 1min power-frequency withstand voltage(r.m.s)		
			雷电冲击耐受电压 (峰值) Lightning impulse withstand voltage (peak)		
3	额定频率 Rated frequency	Hz	50,60		
4	额定电流 Rated current	A	630,1250,1600,2000,2500		
5	额定开合电缆充电电流 Rated breaking current for charging cable		31.5		
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)		50	63	80
8	额定 峰值耐受电流 Rated peak withstand current		50	63	80
9	额定短时耐受电流 (有效值) Rated short-time withstand current (r.m.s)		20	25	31.5
10	额定短时耐受时间 Rated duration of short-circuit	S	4		
11	全断开时间 Total breaking time	Ms	≤80		
12	额定操作顺序 Rated operating sequency	S	O-0.3s-CO-180s-CO O-180s-CO-180s-CO		
13	机械寿命 Mechanism endurance	次 Times	10000(M2class)		
14	电寿命 Electrical endurance		额定短路开断电流 Rated short-circuit breaking current		
			开断额定电流 breaking rated current		
15	动、静触头累计允许磨损厚度 Total allowable nearing thickness of moving and fixed contacts	mm	3		
16	触头开距 Contact clearance	mm	14±1		
17	触头超程 Supper travel of contact		3.5±1		
18	平均合闸速度 Average closing speed	m/s	1.0±0.2		
19	平均分闸速度 Average opening speed		1.3±0.2		
20	合闸时间 Closing time	ms	35~70		
21	分闸时间 Opening time		20~50		
22	触头合闸弹跳时间 Bouncing time of closing contact		≤2		
23	三相分闸不同期性 3-phase opening synch ronism different		≤2		
24	相间中心距 Phase center distance	Mm	210±0.5	275±0.5	
25	触头合闸接触压力 Contacting pressure of closing contact	N	2400±200(20Ka、25ka) 3100±200(31.5ka)		