



序号 No.	主要技术参数 Main Technical Specification	型号 Type	
		TD-1.14/500-9B	
电气参数 ELECTRIC RATINGS			
1	额定电压 Rated Voltage	kV	1.14
2	额定电流 Rated Current	A	500
3	额定频率 Rated Frequency	Hz	50/60
4	额定短时(1分钟)工频耐受电压 Rated Short-time(1min) Power-Frequency Withstand Voltage	kV	10
5	触头自闭力下的回路电阻 Circuit Resistance At Contact Force From Atmosphere	$\mu\Omega$	≤ 50
6	雷电冲击耐受电压 Lightning Impulse Withstand Voltage	kV	/
7	额定关合能力 Rated Making Capacity	kA/30Times	/
8	额定开断能力 Rated Breaking Capacity	kA/30Times	9
9	极限开断能力 Limited Breaking Capacity	kA/4Times	/
10	额定短时耐受电流, 4秒 Rated Short-time Withstand Current, 4s	kA	9
11	额定峰值耐受电流 Rated Peak Withstand Current	kA	/
寿命 LIFE			
1	机械寿命 Mechanical Life	Times	20,000
2	电寿命 Electrical Life	Times	3,000
3	储存时间 Storage Life	years	≥ 20
4	触头允许磨损厚度 Contacts Erosion Limit	mm	1.5
机械数据 MECHANICAL DATA			
1	触头自闭力 Contact Force From Atmosphere	N	75 ± 20
2	触头反力 Counterforce of Contacts at Full Stroke	N	95 ± 20
配套的真空开关设备应满足的机械参数 MECHANICAL DATA OF VACUUM SWITCH EQUIPPED WITH THE INTERRUPTERS			
1	触头开距 Contact Stroke	mm	3 ± 0.5
2	超行程 Overtrave	mm	1.5 ± 0.2
3	平均分闸速度 Average Opening Speed	m/s	0.8 ± 0.2
4	平均合闸速度 Average closing speed	m/s	0.5 ± 0.2
5	触头合闸弹跳时间 Contact Bouncing Duration at Closing Operation	ms	≤ 1.5
6	额定触头压力 Rated Added External Contactfinal Force	N	250 ± 20



TD-1.14/500-9

型断路器用真空灭弧室

Vacuum Interrupter For Circuit-Breaker

