



## TJ-1.14/160G 真空开关管技术参数

序号 No.	主要技术参数 Main Technical Specification	型号 Type	
		TJ-1.14/160G	
<b>电气参数 ELECTRIC RATINGS</b>			
1	额定电压 Rated Voltage	kV	1.14
2	额定电流 Rated Current	A	160
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	$\mu \Omega$	$\leq 120$
6	雷电冲击耐受电压 Lightning Impulse Withstand Voltage	kV	18
7	额定关合能力 Rated Making Capacity	kA/50Times	1.6
8	额定开断能力 Rated Breaking Capacity	kA/50Times	1.28
9	极限开断能力 Limited Breaking Capacity	kA/3Times	2
10	额定短时耐受电流，10秒 Rated Short-time Withstand Current, 10s	kA	1.28
11	额定峰值耐受电流 Rated Peak Withstand Current	kA	3.2
<b>寿命 LIFE</b>			
1	机械寿命 Mechanical Life	Times	1,000,000
2	电寿命 Electrical Life	Times	60,000
3	储存时间 Storage Life	years	$\geq 15$
4	触头允许磨损厚度 Contacts Erosion Limit	mm	1
<b>机械数据 MECHANICAL DATA</b>			
1	触头自闭力 Contact Force From Atmosphere	N	$25 \pm 3$
2	触头反力 Counterforce of Contacts at Full Stroke	N	$\leq 45$
<b>配套的真空开关设备应满足的机械参数 MECHANICAL DATA OF VACUUM SWITH EQUIPPED WITH THE INTERRUPTERS</b>			
1	触头开距 Contact Stroke	mm	$2 \pm 0.2$
2	超行程 Overtrave	mm	$1 \pm 0.2$
3	平均分闸速度 Average Opening Speed	m/ s	0.3~0.5
4	平均合闸速度 Average closing speed	m/ s	0.05~0.15
5	触头合闸弹跳时间 Contact Bouncing Duration at Cosing Operation	ms	$\leq 3$
6	额定触头压力 Rated Added External Contactfinal Force	N	85