

TJ-4/600 型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-4/600	
电气参数 ELECTRIC RATINGS			
1	额定电压 Rated Voltage	kV	4
2	额定电流 Rated current	A	600
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	20
5	触头自闭力下的回路电阻 Circuit Resistance At Contact Force From Atmosphere	$\mu \Omega$	≤ 120
6	额定关合能力 Rated making capacity	kA/100Times	6
7	额定开断能力 Rated Breaking Capacity	kA/25Times	4.8
8	额定短时耐受电流 Rated short-time Withstand Current	kA/4s	6
9	额定峰值耐受电流 Rated Peak Withstand Current	kA	12
寿命 LIFE			
1	机械寿命 Mechanical life	Times	400,000
2	电寿命 Electrical life	Times	300,000
3	储存时间 Storage life	years	≥ 15
4	触头允许磨损厚度 Contact erosion permission length	mm	1
机械数据 MECHANICAL DATA			
1	触头自闭力 Contact closing force due to bellows and atmosphere	N	68 ± 15
2	触头反力 Counterforce of contacts at full stroke	N	87 ± 15
配套的真空开关管设备应满足的机械参数 MECHANICAL DATA OF VACUUM SWITCH EQUIPPED WITH THE INTERRUPTERS			
1	触头开距 Rated contact stroke	mm	4.5 ± 0.5
2	超行程 Overtrave	mm	1 ± 0.2
3	平均分闸速度 Average Opening Speed	m/s	0.5-0.7
4	平均合闸速度 Average closing speed	m/s	0.1-0.3
5	触头合闸弹跳时间 Bounce duration of contact closing	ms	≤ 3
6	额定触头压力 Rated operation pressure of contact	N	78

