

TD-1.14/630-15A 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
			TD-1.14/630-15A
电气参数 ELECTRIC RATINGS			
1	额定电压 Rated Voltage	kV	1.14
2	额定电流 Rated current	A	630
3	额定频率 Rated frequency	Hz	50/60
4	短时 (1min) 工频耐受电压 Short-time (1min) power-frequency withstand voltage	kV	10
5	额定触头压力下的回路电阻 Circuit resistance at rated contact force	$\mu\Omega$	≤ 40
6	雷电冲击耐受电压 (峰值) Lighting impulse withstand voltage (peak)	kV	18
7	额定短路开断电流 Rated short-circuit breaking current	kA	15
8	额定短时耐受电流 (4秒) Rated short-time withstand current (4s)	kA	15
9	额定峰值耐受电流 Rated peak withstand current	kA	30
10	额定短路关合电流 Rated short-circuit making current	kA	30
寿命 LIFE			
1	机械寿命 Mechanical life	Times	10,000
2	额定短路开断电流开断次数 Operations of short-circuit breaking current interruption	Times	30
3	触头允许磨损厚度 Contact erosion permission length	mm	3
4	贮存期 Shelf life	years	≥ 20
机械数据 MECHANICAL DATA			
1	触头自闭力 Contact closing force due to bellows and atmosphere	N	95 ± 15
2	额定开距下的触头反力 Counterforce at rated contact stroke	N	120 ± 20
配套的真空开关管设备应满足的机械参数 MECHANICAL DATA OF VACUUM SWITCH EDIPPED WITH THE INTERRUPTERS			
1	触头开距 Rated contact stroke	mm	4 ± 0.5
2	超行程 Overtrave	mm	1 ± 0.2
3	平均分闸速度 Average opening speed	m/s	1.0 ± 0.2
4	平均合闸速度 Average closing speed	m/s	0.6 ± 0.2
5	触头合闸弹跳时间 Bounce duration of contact closing	ms	≤ 2
6	额定触头压力 Rated operation pressue of contact	N	650

*须有外绝缘保护 (with insulation cover)

