



序号 No.	主 要 技 术 参 数 Main Technical Specification	型号 Type	
		TD-12/630-20C	
电气参数 ELECTRIC RATINGS			
1	额定电压 Rated Voltage	kV	12
2	额定电流 Rated Current	A	630
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 Withshand Voltage	kV	42
5	触头自闭力下的回路电阻 Circuit Resistance At Contact Force From Atmosphere	μ Ω	≤40
6	雷电冲击耐受电压 Lightning Impulse Withstand Voltage	kV	75
7	额定短路开断电流 Rated Short-circuit Breaking Current	kA	20
8	额定短时耐受电流 4 秒 Rated Short-time Withstand Current, 4s	kA	20
9	额定峰值耐受电流 Rated Peak Withstand Current	kA	50
10	额定短路关合电流 Rated Short-circuit Making Current	kA	50
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 Breaking Operations of Rated Short-circuit Breaking Current	Times	30
3	储存时间 Storage Life	years	≥20
4	触头允许磨损厚度 Contacts Erosion Limit	mm	3
机械数据 MECHANICAL DATA			
1	触头自闭力 Contact Force From Atmosphere	N	80±15
2	触头反力 Counterforce of Contacts at Full Stroke	N	130±20
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			
1	触头开距 Contact Stroke	mm	10±1
2	超行程 Overtrave	mm	3±1
3	平均分闸速度 Average Opening Speed	m/ s	1.1±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 Contact Bouncing Duration at Cosing Operation	ms	≤2
6	额定触头压力 Rated Added External Contactfinal Force	N	2000±200



TD-12/630-20C

型断路器用真空灭弧室

Vacuum Interrupter For Circuit-Breaker

