

TJ-1.14/160L 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-1.14/160L |
| 电气参数 ELECTRIC RATINGS | | | |
| 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) powder-frequency withstand voltage | kV | 10 |
| 5 | 额定触头压力下的回路电阻 Circuit resistance at rated contact force | $\mu\Omega$ | ≤ 120 |
| 6 | 雷电冲击耐受电压 Lighting impulse withstand voltage | kV | 18 |
| 7 | 额定关合能力 Rated making capacity | kA/100Times | 1.6 |
| 8 | 额定开断能力 Rated breaking capacity | kA/25Times | 1.28 |
| 9 | 极限开断能力 Limited breaking capacity | kA/3Times | 1.6 |
| 10 | 额定短时耐受电流 Rated short-time withstand current | kA/10s | 1.28 |
| 11 | 额定峰值耐受电流 Rated peak withstand current | kA | 3.2 |
| 寿命 LIFE | | | |
| 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 | ≥ 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 | 25 ± 3 |
| 2 | 额定反力 Counterforce of contacts at full stroke | N | ≤ 45 |
| 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 | 2 ± 0.2 |
| 2 | 触头接触行程 Contact connection stroke | 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 | 85 |

