



| 序号<br>No.  | 主要技术参数<br>Main Technical Specification                                      | 型号 Type     |              |
|--|---|-------------|--------------|
|  |   | TJ-1.14/400 |              |
| 电气参数 ELECTRIC RATINGS  |   |             |              |
| 1  | 额定电压 Rated Voltage  | kV          | 1.14         |
| 2  | 额定电流 Rated Current  | A           | 400          |
| 3  | 额定频率 Rated Frequency  | Hz          | 50/60        |
| 4  | 额定短时(1分钟)工频耐受电压<br>Rated Short-time(1min) Power-Frequency Withstand Voltage | kV          | 10           |
| 5  | 触头自闭力下的回路电阻<br>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          | /            |
| 7  | 额定关合能力 Rated Making Capacity  | kA/50Times  | 4            |
| 8  | 额定开断能力 Rated Breaking Capacity  | kA/50Times  | 3.2          |
| 9  | 极限开断能力 Limited Breaking Capacity  | kA/3Times   | 4.5          |
| 10   | 额定短时耐受电流, 10秒 Rated Short-time Withstand Current, 10s                       | kA          | 3.2          |
| 11   | 额定峰值耐受电流 Rated Peak Withstand Current                                       | kA          | 8            |
| 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       | $\geq 10$    |
| 4  | 触头允许磨损厚度 Contacts Erosion Limit   | mm          | 1            |
| 机械数据 MECHANICAL DATA   |   |             |              |
| 1  | 触头自闭力 Contact Force From Atmosphere   | N           | 75 $\pm$ 15  |
| 2  | 触头反力 Counterforce of Contacts at Full Stroke                                | N           | 100 $\pm$ 15 |
| 配套的真空开关设备应满足的机械参数<br>MECHANICAL DATA OF VACUUM SWITCH EQUIPPED WITH THE INTERRUPTERS |   |             |              |
| 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 Closing Operation                     | ms          | $\leq 3$     |
| 6  | 额定触头压力 Rated Added External Contactfinal Force                              | N           | 120          |



# TJ-1.14/400

## 型接触器用真空灭弧室

Vacuum Interrupter For Contactor

