



— — 镀银

主要技术参数 (断路器用) MAIN TECHNICAL DATA (FOR CIRCUIT BREAKER)

|  |                   |
|--|-------------------|
| 额定电压 Rated voltage   | 12kV              |
| 额定电流 Rated current   | Δ 2000A           |
| 额定频率 Rated frequency   | 50/60HZ           |
| 额定短路开断电流 Rated short-circuit breaking current                          | 31.5kA            |
| 额定短路开断电流开断次数 Operations of short-circuit breaking current interruption | 30次               |
| 最大直流分量 Max.DC-component  | 40%               |
| 额定短路关合电流 Rated short-circuit making current                            | 80kA              |
| 额定峰值耐受电流 Rated peak withstand current                                  | 80kA              |
| 额定短时耐受电流(4秒) Rated short-time withstand current(4s)                    | 31.5kA            |
| 额定单个电容器组开断电流 Rated breaking current of single capacitor bank           | #630A             |
| 额定背对背电容器开断电流 Rated breaking current of back to back capacitor bank     | #400A             |
| 短时(1min)工频耐受电压 Short-time(1min) power-frequency withstand voltage      | *48KV             |
| 雷电冲击耐受电压(峰值) Lightning impulse withstand voltage(peak)                 | *85KV             |
| 额定触头压力下限时的回路电阻 Circuit resistance at minimum added force               | ≤ 15 μ Ω          |
| 机械寿命 Mechanical life   | 30000次            |
| 触头自闭力 Closing force due to bellows and atmosphere                      | 150 ± 30N         |
| 额定开距下的触头反力 Force required to hold contacts open at full stroke         | 210 ± 40N         |
| 触头允许磨损厚度 Contact erosion limit   | 3mm               |
| 贮存期 Shelf life   | 20年               |
| 质量/动触头质量 Total mass of interrupter/Moving mass of interrupter          | 1.46Kg/0.5Kg      |
| 额定操作顺序 Rated operating sequence  | O-0.3s-CO-180s-CO |

配套真空开关的机械参数(建议值)MECHANICAL DATA OF CIRCUIT-BREAKING RECOMMENDATIONS WITH THE INTERRUPTERS

|  |              |
|--|--------------|
| 触头开距 Rated contact stroke                                    | 6-9mm        |
| 触头接触行程 Contact connection stroke                             | 2.5 ± 1mm    |
| 平均分闸速度 (0-6mm行程) Average opening speed (0-6mm stroke)        | 1.1 ± 0.2m/s |
| 平均合闸速度 (6mm-触头闭合) Average closing speed (6mm-contact making) | 0.6 ± 0.2m/s |
| 触头初压力 Added external contact force at contact touch point    | ≥ 800N       |
| 额定触头压力 Added force on closed contacts                        | 1400 ± 100N  |
| 触头合闸弹跳时间 Max.bouncing duration                               | ≤ 2ms        |
| 触头分合闸不同期 Out of simultaneity of contact closing and opening  | ≤ 1ms        |
| 分闸触头反弹幅值 Max. rebound distance                               | ≤ 0.5mm      |
| 分闸触头过冲幅值 Max. overtravel                                     | ≤ 0.5mm      |

备注 (Note):  
# 订货时需与BOV公司协商(Must consult with BOV);  
\* 须有外绝缘保护 (With insulation cover);  
Δ 需有足够的散热措施 (Must have enough cooling measures);