



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

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| 额定电压 Rated voltage | 24KV |
| 额定电流 Rated current | Δ 4000,3150A |
| 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 | *65KV/#79KV |
| 雷电冲击耐受电压(峰值) Lightning impulse withstand voltage(peak) | *125KV/#150KV |
| 额定触头压力下限时的回路电阻 Circuit resistance at minimum added force | 7 ± 1 μ Ω |
| 机械寿命 Mechanical life | 20000次 |
| 触头自闭力 Closing force due to bellows and atmosphere | 200 ± 50N |
| 额定开距下的触头反力 Force required to hold contacts open at full stroke | 300 ± 50N |
| 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 | 7.5Kg/1.5Kg |
| 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

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| 触头开距 Rated contact stroke | 12 ± 1mm |
| 触头接触行程 Contact connection stroke | 4 ± 1mm |
| 平均分闸速度 (0-6mm行程) Average opening speed (0-6mm stroke) | 1.1-1.7m/s |
| 平均合闸速度 (6mm-触头闭合) Average closing speed (6mm-contact making) | 0.8 ± 0.2m/s |
| 触头初压力 Added external contact force at contact touch point | ≥ 2100N |
| 额定触头压力 Added force on closed contacts | 3100 ⁺¹⁴⁰⁰ ₋₂₀₀ N |
| 触头合闸弹跳时间 Max.bouncing duration | ≤ 3ms |
| 触头分合闸不同期 Out of simultaneity of contact closing and opening | ≤ 2ms |
| 分闸触头反弹幅值 Max. rebound distance | ≤ 2mm |
| 分闸触头过冲幅值 Max. overtravel | ≤ 2mm |

备注 (Note) ;
Δ 加冷风 (With cooling);
订货时需与BOV公司协商(Must consult with BOV);
* 须有外绝缘保护 (With insulation cover) ;