



主要技术参数 (负荷开关用) MAIN TECHNICAL DATA (FOR LOAD-BREAKING SWITCH)

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| 额定电压 Rated voltage | 12KV |
| 额定电流 Rated current | 630A |
| 额定频率 Rated frequency | 50/60HZ |
| 短时(1min)工频耐受电压 Short-time(1min) power-frequency withstand voltage | 42KV |
| 雷电冲击耐受电压(峰值) Lightning impulse withstand voltage(peak) | 75KV |
| 额定短路关合电流 Rated short-circuit making current | 50KA |
| 额定峰值耐受电流 Rated peak withstand current | 50KA |
| 额定短时耐受电流(4秒) Rated short-time withstand current(4s) | 20KA |
| 额定闭环开断电流 Rated closed circuit breaking current | 630A |
| 额定转移电流 Rated transfer current | 2000A |
| 额定有功负载开断电流 Rated load with power breaking current | 630A |
| 额定电缆充电开断电流 Rated cable-charging breaking current | 10A |
| 额定触头压力下限时的回路电阻 Circuit resistance at minimum added force | ≤ 40 μΩ |
| 机械寿命 Mechanical life | ≥ 20000次 |
| 触头自闭力 Closing force due to bellows and atmosphere | 80 ± 40N |
| 额定开距下的触头反力 Force required to hold contacts open at full stroke | 120 ± 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 | 1.12Kg/0.35Kg |

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

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| 触头开距 Rated contact stroke | 8 ± 1mm |
| 触头接触行程 Contact connection stroke | 3 ± 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 |
| 额定触头压力 Added force on closed contacts | 700 ± 50N |
| 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 | ≤ 2ms |
| 分闸触头反弹幅值 Max. rebound distance | ≤ 2mm |
| 分闸触头过冲幅值 Max. overtravel | ≤ 2mm |