



主要技术参数 (三工位开关用) MAIN TECHNICAL DATA (FOR THREE WORKING SWITCH)	隔离回路	接地回路
额定电压 Rated voltage	12kV	12kV
额定电流 Rated current	630A	630A
额定频率 Rated frequency	50HZ	50HZ
额定短路关合电流 Rated short-time making current	63kA	63kA
额定峰值耐受电流 Rated peak withstand current	63kA	63kA
额定短时耐受电流(4秒) Rated short-time withstand current(4s)	25kA	25kA
短时(1min)工频耐受电压 Short-time(1min) power-frequency withstand voltage	*48kV	*48kV
雷电冲击耐受电压(峰值) Lightning impulse withstand voltage(peak)	*85kV	*85kV
额定触头压力下限时的回路电阻 Circuit resistance at minimum added force	$\leq 25 \mu \Omega$	$\leq 35 \mu \Omega$
机械寿命 Mechanical life	≥ 10000 次	≥ 3000 次
触头自闭力 Closing force due to bellows and atmosphere	80 ± 40 N	80 ± 40 N
额定开距下的触头反力 Force required to hold contacts open at full stroke	120 ± 40 N	140 ± 40 N
触头允许磨损厚度 Contact erosion limit	3mm	3mm
贮存期 Shelf life	20年	20年
质量/动触头质量 Total mass of interrupter/Moving mass of interrupter	2.93Kg/0.64Kg	2.93Kg/0.64Kg
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	8 ± 1 mm	8 ± 1 mm
触头接触行程 Contact connection stroke	3 ± 0.5 mm	3 ± 0.5 mm
平均分闸速度 (0-6mm行程) Average opening speed (0-6mm stroke)	1.0 ± 0.2 m/s	
平均合闸速度 (6mm-触头闭合) Average closing speed (6mm-contact making)	0.6 ± 0.2 m/s	0.6 ± 0.2 m/s
额定触头压力 Added force on closed contacts	1200 ± 200 N	800 ± 100 N
触头合闸弹跳时间 Max.bouncing duration	≤ 2 ms	≤ 2 ms
触头分合闸不同期 Out of simultaneity of contact closing and opening	≤ 2 ms	≤ 2 ms
分闸触头反弹幅值 Max. rebound distance	≤ 1 mm	≤ 1 mm
备注 (Note): * 须有外绝缘保护 (With insulation cover);		