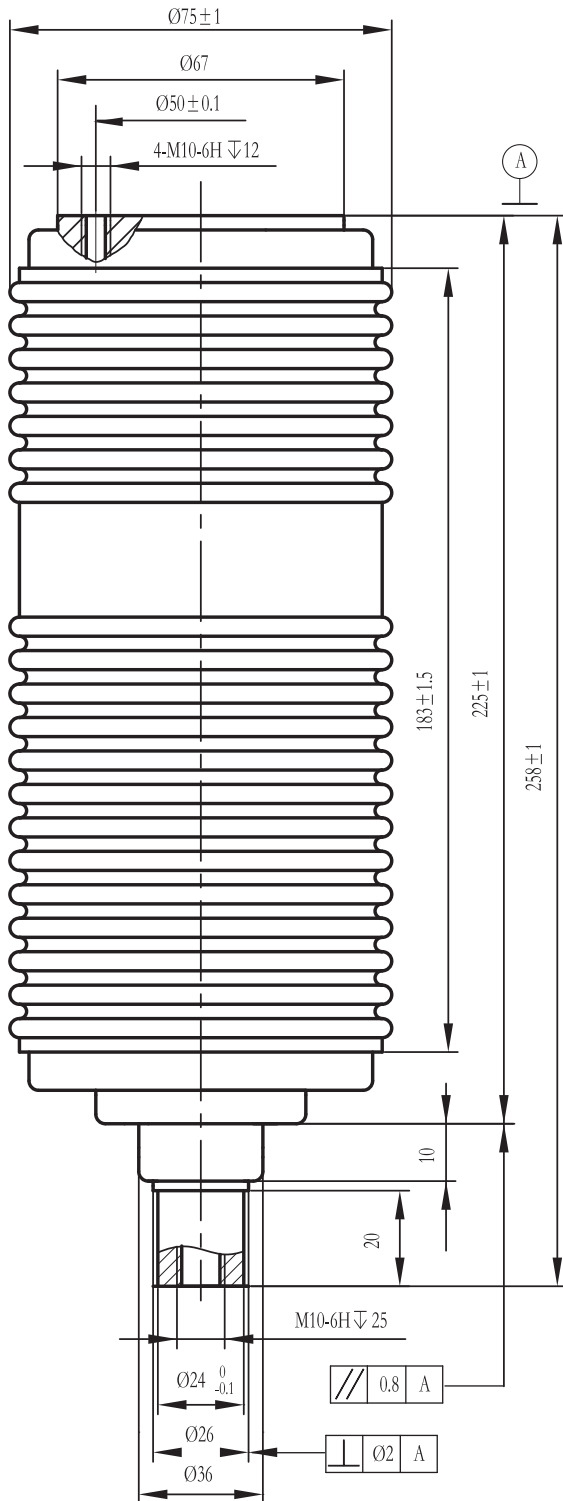


TJ-24/630

(2071)



主要技术参数 MAIN TECHNICAL SPECIFICATION

电压参数 VOLTAGE RATINGS AT RATED CONTACT STROKE

额定频率 Rated Frequency	Hz	50/60
额定电压 Rated Voltage	kV	24
额定短时(1min)工频耐受电压 Rated Short-time(1min) Power-frequency Withstand Voltage	kV	65
额定雷电冲击耐受电压(峰值) Rated Lightning Impulse Withstand Voltage(Peak)	kV	125

电流参数 CURRENT RATINGS

额定电流 Rated Current	A	630
额定短时耐受电流 Rated Short-time Withstand Current	kA	6.3
额定短路持续时间 Rated Duration of Short-circuit	s	4
额定关合电流 Rated Making Current	kA	6.3
额定开断电流 Rated Breaking Current	kA	0.126(min),5.04(max)
极限开断电流 Limit Breaking Current	kA	6.3
额定触头压力下限时的回路电阻 Circuit Resistance at Lowest Rated Contact Force	$\mu\Omega$	≤ 50

机械参数 MECHANICAL DATA

触头自闭力 Closing Force due to Bellow and Atmosphere	N	120±50
额定开距下的触头反力 Force Required to Hold Contacts Open at Full Stroke	N	180±35
运动部分的质量 Weight of Moving Parts	kg	

配套的真空开关设备应满足的机械参数 MECHANICAL REQUIRMENTS

触头开距 Clearance Between Open Contacts	mm	11±1
平均分闸速度 Average Opening Speed	m/s	0.8±0.1
平均合闸速度 Average Closing Speed	m/s	0.5±0.1
额定触头压力 Rated Added External Contact Final Force	N	400±100
触头合闸弹跳时间 Contact Bouncing at Closing Operation	ms	≤ 3
触头合闸和分闸不同期 Closing and Opening Non-simultaneity of Three-phase Contacts	ms	≤ 2
分闸触头反弹幅值 Maximum Rebound During Opening	mm	≤ 2

寿命 LIFE

电寿命 AC-3 Electricity Endurance AC-3	次 Times	1×10^5
电寿命 AC-4 Electricity Endurance AC-4	次 Times	1×10^4
机械寿命 Mechanical Endurance	次 Times	2×10^5
触头允许磨损厚度 Contacts Limit Erosion	mm	3
允许储存期 Shelf Life	年 years	20
内部气体压力 Internal Gas Pressure	Pa	$< 1.33 \times 10^{-3}$

备注:
Notes: