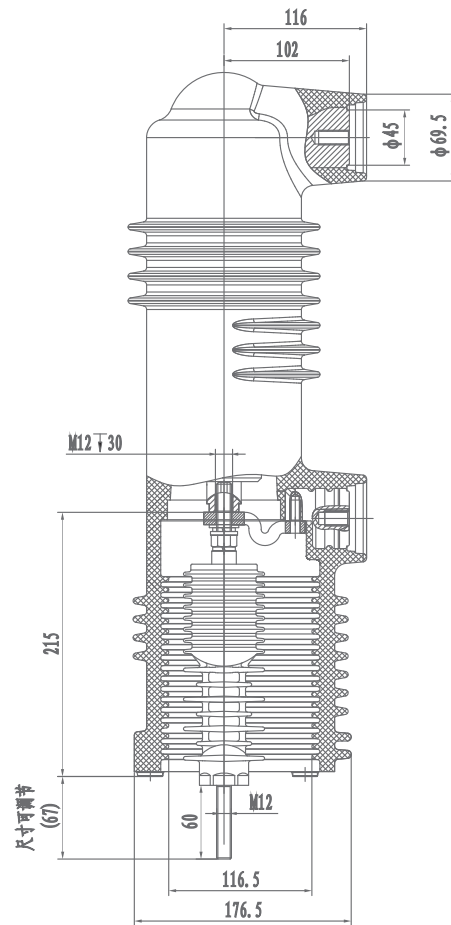


固封极柱系列



图号 Drawing No.	规格型号 Specification	配用绝缘拉杆 Match The Insulated Pull Rod	配用散热栅 Match The Radiation Frame
RZP5. 047a	EP24/1250-25	RAP4. 028c. 05	RAP4. 047a. 01

固封极柱系列

参数	Parameter	数值 Value	单位 Unit
额定电压	Rated Voltage	24	kV
额定电流	Rated Current	1250	A
额定频率	Rated Frequency	50	Hz
额定短路开断电流	Rated Short-circuit Breaking Current	25	kA
额定短路开断电流的开断次数	Operations Of Short-circuit Breaking Current Interruption	30	次
额定短路关合电流	Rated Short-circuit Making Current	63	kA
额定峰值耐受电流	Rated Peak Withstand Current	63	kA
额定短时耐受电流（4秒）	Rated Short-time Withstand Current (4s)	25	kA
额定单个电容器组开断电流	Rated Single Capacitor Bank Breaking Current	630※	A
额定背对背电容器组开断电流	Rated Back-to-back Capacitor Breaking Current	400※	A
短时（1分钟）工频耐受电压	Short-time(1min)power-frequency Withstand Voltage	65	kV
雷电冲击耐受电压（峰值）	Lighting Impulse Withstand Voltage(peak)	125	kV
额定触头压力下的回路电阻	Circuit Resistance At Rated Contact Force	≤25	μΩ
机械寿命	Mechanical Life	10,000	次
触头自闭力	Contact Closing Force Due To Bellows And Atmosphere	100±30	N
额定开距下的触头反力	Counterforce At Rated Contact Stroke	200±30	N
触头允许磨损厚度	Contact Limit Erosion	3	mm
贮存期	Shelf Life	20	年
局部放电值	Partial Discharge	≤1	pC
额定操作顺序	Rated Operating Sequence	0-0.3s-co-180s-co	

参数	Parameter	数值 Value	单位 Unit
触头开距	Rated Contact Stroke	12±1	mm
触头接触行程	Contact Connection Stroke	3±1	mm
平均分闸速度	Average Opening Speed	1.1~1.7	m/s
平均合闸速度	Average Closing Speed	0.8~1.2	m/s
额定触头压力	Rated Operation Pressure Of Contact	2400±200	N
触头合闸弹跳时间	Bounce Duration Of Contact Closing	≤2	ms
触头分闸不同期	Out Of Simultaneity Of Contact Closing And Opening	≤1	ms
分闸触头反弹幅值	Max.overtravel	≤2	mm

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