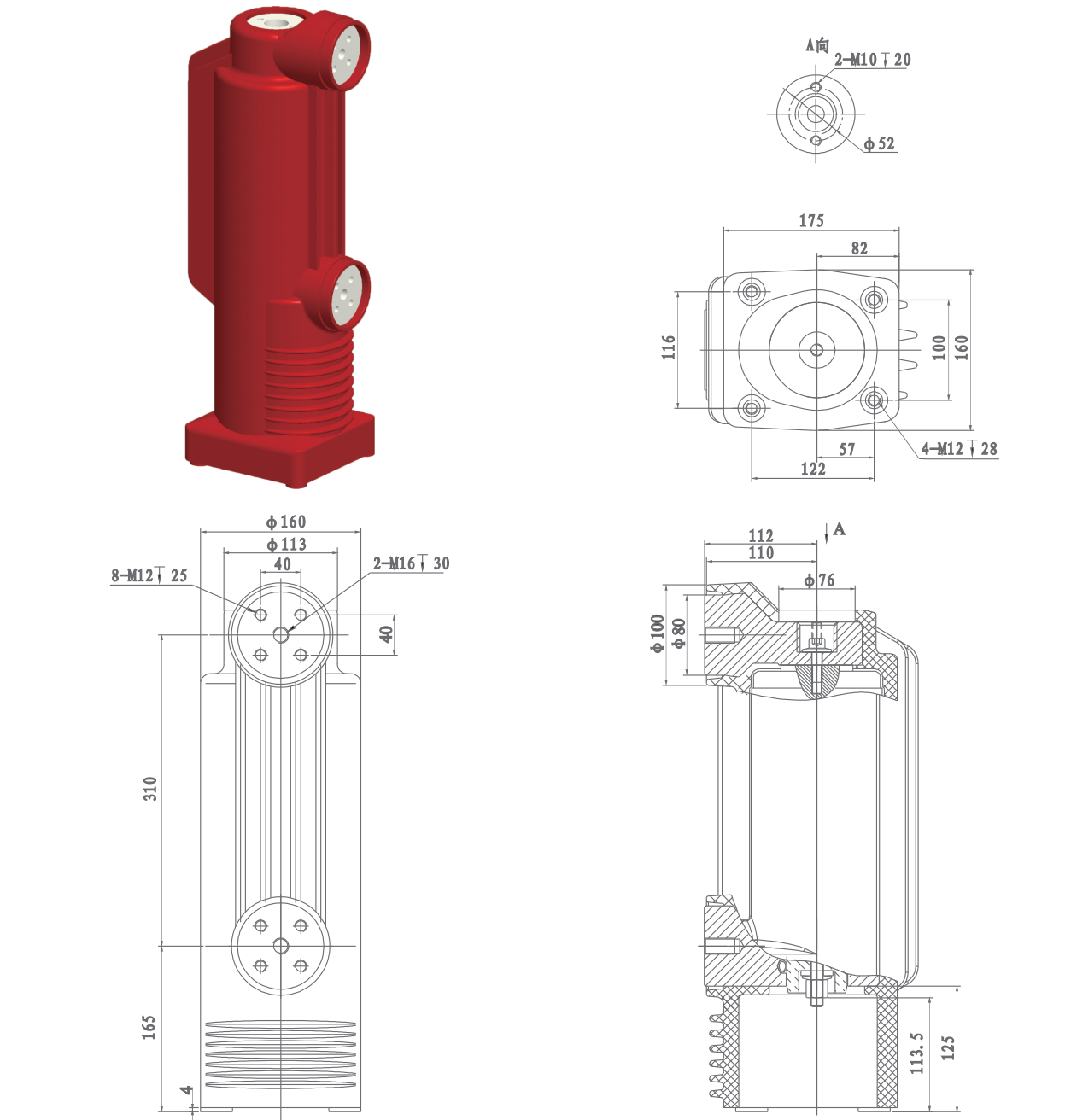


EMBEDDED POLE SERIES
固封极柱系列



图号 Drawing No.	规格型号 Specification
RZP5. 026a	VEG40.5/2500-31.5
RZP5. 026b	VEG40.5/2000-31.5
RZP5. 026c	VEG40.5/1250-31.5
RZP5. 026f	EP12/3150-40
RZP5. 026g	EP12/2500-31.5

EMBEDDED POLE SERIES
固封极柱系列

主要技术参数 Main Technical Data (海拔4000米)

参数	Parameter	数值 Value		单位 Unit
额定电压	Rated Voltage	40.5	12	kV
额定电流	Rated Current	2500 2000 1250 3150 2500		A
额定频率	Rated Frequency	50		Hz
额定短路开断电流	Rated Short-circuit Breaking Current	31.5	40 31.5	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	80	100	kA
额定峰值耐受电流	Rated Peak Withstand Current	80	100	kA
额定短时耐受电流（4秒）	Rated Short-time Withstand Current (4s)	31.5	40 31.5	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	95	48	kV
雷电冲击耐受电压（峰值）	Lighting Impulse Withstand Voltage(peak)	185	75	kV
额定触头压力下的回路电阻	Circuit Resistance At Rated Contact Force	≤18 ≤21 ≤25 ≤15 ≤18		μΩ
机械寿命	Mechanical Life	10,000		次
触头自闭力	Contact Closing Force Due To Bellows And Atmosphere	200±60	250±60	N
额定开距下的触头反力	Counterforce At Rated Contact Stroke	300±60	350±60	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		

配套的真空开关应满足的机械参数 Mechanical Data Of Circuit Equipped With Interrupters

参数	Parameter	数值 Value		单位 Unit
触头开距	Rated Contact Stroke	20±1	9±1	mm
触头接触行程	Contact Connection Stroke	5±1	3±1	mm
平均分闸速度	Average Opening Speed	2±0.2	1.3±0.2	m/s
平均合闸速度	Average Closing Speed	0.75±0.2	0.6±0.2	m/s
额定触头压力	Rated Operation Pressure Of Contact	3600±300	5000±300	N
触头合闸弹跳时间	Bounce Duration Of Contact Closing	≤3	≤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

注：标“※”项为需要时提供的参数。“※”Rated characteristics to be given on request