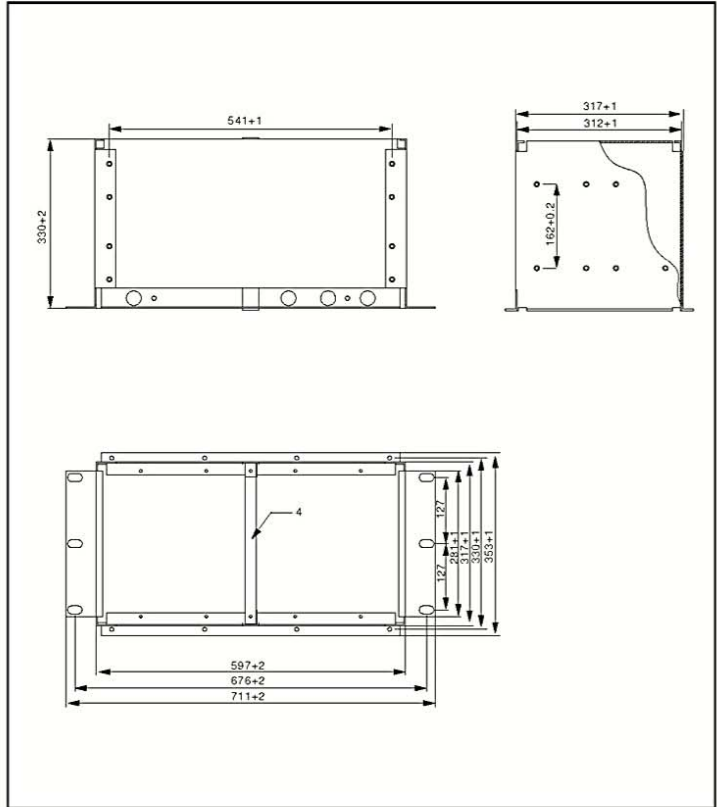


RS 大功率电阻柜式制动电阻器

high power resistors cabinet



■ 构造图 Construction(mm)



外型尺寸可根据客户需求进行定制

Be custom products available if required

■ 产品特点 Features

- 本品采用优质不锈钢作电阻支架，优质绝缘材料作衬板坚固耐用
- 电阻组合后功率最大可达几百KW
- 引出端与电阻体采用电阻焊工艺，无接触电阻，过强电流时不易开裂
- 持续表面温升不超过350°C
- 模块化组装，可根据需要串、并联，以适应电压电流等各种参数的要求，替换方便

- Excellent stainless hardware as frame
- The maximum of power will bear hundreds KW after resistor assembled
- The terminals and the resistance body use the resistance welding flow process, no contact resistance, avoiding crack when extreme high current
- The surface temperature does not exceed 350°C when continuous operation
- Modularization assembled, series connection or parallel connection available if required, suitable for all kinds of parameter requirements, replace conveniently

■ 应用范围 Applications

- 用于大型电机的刹车泄放电路
- 大型电力设备起停电路
- 电力机动制动装置
- 太阳能及风能发电设备
- 电源老化测试负载箱
- Used in braking release electric circuit of large-scale electrical motor
- Start-stop circuit in large-scale electricity
- Locomotive braking device
- Solar energy or windpower equipments
- Power aging load test

■ 执行标准 Reference Standards

Q/ATK 075

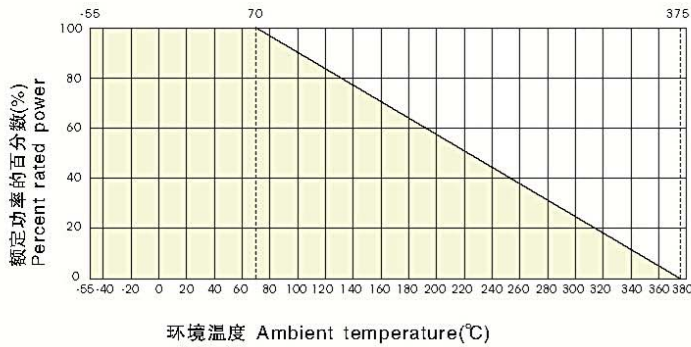
■ 阻值及功率范围

Resistance and power range

阻值resistance: 1Ω~20Ω

功率power: 1KW~200KW

降功耗曲线 Derating Curve



性能指标 Performance

试验项目 Test Item	性能要求 Specifications	试验方法 Test Methods
温度系数 Temperature coefficient	$\Delta R \leq \pm 5\%$	70°C~375°C
引出端强度 Terminal tensile strength	$\Delta R \leq \pm(2\%R+0.05\Omega)$	100N, 30S
热冲击 Thermal shock	$\Delta R \leq \pm(2\%R+0.05\Omega)$	P_R , 30mm/-55°C, 15min
过载 Overload	$\Delta R \leq \pm(2\%R+0.05\Omega)$	10 P_R , 5S
温升 Temperature rise	$\leq 375^\circ\text{C}$	P_R

订货示例 How To Order

例如 Example

RS	6KW	100Ω	± 5%	箱装
产品型号 Type	功率 Power	标称阻值 Nominal Value	精度 Tolerance	包装方式 Packaging
RS	1W ~ 200W	100Ω	± 5% ± 10%	箱装 box package

温度系数系列及代码 TCR and Code

温度系数系列 TCR	代号 Code	温度系数系列 TCR	代号 Code
2	C10	15	C5
3	C9	20	C4
4	C8	25	C3
5	C7	50	C2
10	C6	100	C1