

KZR40-24制动电阻 / KZR40-24 braking resistor



应用 Application

- 电容放电，大功率电流泄放。
Capacitor discharge, high-power current discharge.

产品特点 Product features

- 采用多只SSTR1000型电阻器的组合，根据客户要求定制化
Using a combination of multiple SSTR1000 resistors, customized according to customer requirements
- 高耐压等级
High voltage withstand level
- 可抵抗高要求的振动条件
Resistant to demanding vibration conditions

设计 Design

- 额定工作电压 Rated operating voltage: 600V;
- 额定工作电流 Rated operating current: 20A;
- 短时工作电流 Short-time operating current: $\leq 40A@30S$;
- 额定阻值 Rated resistance: $15\Omega \pm 5\%$;
- 电阻元件 Resistance components: 每台使用24根电阻元件，4并6串; Each unit uses 24 resistance components, with 4 in parallel and 6 in series;
- 额定功率 Rated power: 24kW, 海拔2000米以下按额定功率输出, 海拔3500米按70%功率输出; 24kW. Output at rated power at altitudes below 2000m, and output at 70% of rated power at an altitude of 3500m;
- 冷却方式 Cooling method: 强制风冷; forced air cooling;
- 绝缘耐压 Insulation withstand voltage: DC3535kV/1min, 不发生击穿或闪络现象 without breakdown or flashover;
- 端子对外壳长时工作耐压不小于DC5kV; The long-term working voltage resistance of the terminal to the shell is not less than DC5kV;
- 外形尺寸及重量 Overall dimensions and weight: 600x300x400mm, 重量不大于25kg; with a weight not exceeding 25kg;
- 绝缘电阻 Insulation resistance: 在环境温度15-35C和湿度20%-95%条件下, 接线端子之间, 接线端子与外壳间的绝缘电阻 $\geq 100M\Omega$;
Under conditions of an ambient temperature ranging from 15° C to 35° C and humidity levels between 20% and 95%, the insulation resistance between terminal blocks, as well as between terminal blocks and the enclosure, must be $\geq 100M\Omega$;

外型尺寸图
Outline drawing

