

RXG20 被釉绕线电阻器

RXG20 Glazed Wirewound Resistor

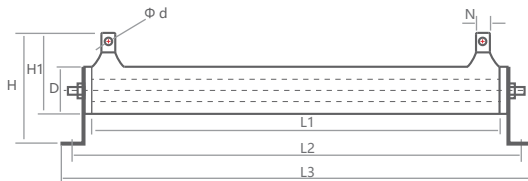
产品简述 (Product Profile)

RXG20被釉线绕电阻器耐潮湿、绝缘度高、过负荷能力强，热稳定性好，使用寿命长。额定功率范围:8W~500W;工作电压范围:<1.5KV;额定阻值范围:0.12~90K;最高耐压:3500V;最高精度:1%;IP等级:IP00;振动:0.5g, 温漂范围:≤400ppm/°C;工作温度范围: -55°C~+375°C;应用领域:大型电源、电力设备、电器设备、机车。

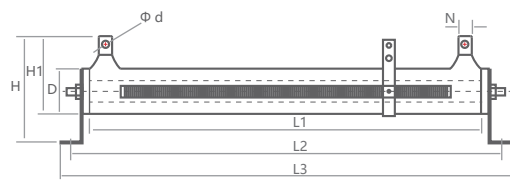
Rated power range: 8W~500W;Working voltage range: below 1.5KV;Rated resistance range: 0.12~90K²;Maximum withstand voltage: 3500V;Maximum tolerance: 1%;IP rating: IP00;Temperature drift: ≤400ppm/°C;Operating temperature range: -55°C~+375°C;RXG20 Glazed Wirewound Resistor features moisture resistance, high insulation, strong overload capability, excellent thermal stability and long service life.Vibration resistance: 0.5g;Application fields: large power supplies, power equipment, electrical appliances and locomotives.



产品尺寸图 (Product Size)



RXG20



RXG20-T

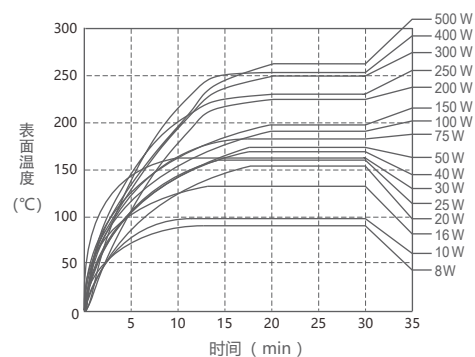


产品尺寸表 (Derating Curve)

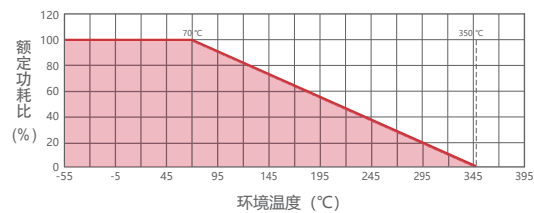
型号 Type	功率 (W)	L1 ± 2	L2 ± 2	L3 ± 3	D ± 2	H ± 2	H1 ± 2	B ± 0.5	B1 ± 0.5	N ± 0.2	Φ d ± 0.2	阻值范围 (Ω)
RXG20	8W	35			14		28.5			5	2	5.1~3.3K
	10W	41			14		28.5			5	2	5.1~10K
	16W	45	66	82	17	41	31	15	4.5	5	2	5.1~15K
	20W	51	72	88	17	41	31	15	4.5	5	2	5.1~20K
	25W	51	77	88	21	51.5	35	20	5.5	5	2	10~24K
	30W	71	97	108	21	51.5	35	20	5.5	5	2	10~30K
	40W	87	113	124	21	51.5	35	20	5.5	5	2	20~51K
	50W	91	120	135	29	59	43	30	5.5	6	3.5	20~51K
	75W	140	170	184	29	59	43	30	5.5	6	3.5	24~56K
	100W	170	200	214	29	59	43	30	5.5	6	3.5	24~62K
	150W	215	244	259	29	59	43	30	5.5	6	3.5	20~90K
	200W	266	296	308	30	71	50	26	6.5	9	4	4.7~12K
	250W	266	296	308	30	71	50	26	6.5	9	4	4.7~12K
	300W	266	298	310	36	82	58	35	6.5	9	4	4.7~12K
	400W	250	280	298	54	98	79	50	6.5	16	8	5.1~10K
	500W	300	330	348	54	98	79	50	6.5	16	8	5.1~10K

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表面升温 (Surface Temperature Rise)



降额曲线 (Deraing Curve)



电气、机械特性 (Mechanical And Electrical Properties)

特性 Characteristics	检查方法 Inspection method	性能要求 Performance Requirements
端子强度 Terminal Strength	端子加载 20N 拉力, 时间 10 秒 Apply 20N tensile force to the terminal for 10 seconds.	无可见损伤 No visible damage
耐振性 Vibration resistance	频率 10-500Hz, 0.75mm 或 98\sqrt{2}, 6h Frequency: 10 ~ 500Hz, 0.75mm or 98m/s ² , 6h	$\Delta R \leq + (1\%R + 0.050)$
短时间过载 Short-time overload	10 倍 Pr 5s 10 times Pr, hold for 5 seconds	$\Delta R \leq + (2\%R + 0.10)$
绝缘阻值 Insulation resistance	500V 直流测试电压 (包箔法) 500V DC test voltage (foil wrapping method)	$\geq 1G \Omega$
绝缘耐压 Insulation Withstand Voltage	3500V 直流或交流峰值电压 3500V DC or AC peak voltage	无可见损伤 No visible damage
耐久性 VDurability	Min(UP, UR), 1.5H-ON, 0.5H-OFF, 1000H	$\Delta R \leq + (5\%R + 0.10)$
温度快速变化 Rapid temperature change	55~200 °C, 5 次循环 55 ~ 200 °C, 5 cycles	$\Delta R \leq + (2\%R + 0.10)$
稳态湿热 Steady-state damp heat	(40 ± 2) °C, (93 ± 3)%RH, 96h	$\Delta R \leq + (2\%R + 0.10)$

成品识别码 (Product Identification Code)

