

产品规格书

Product Specification Sheet

制图

李加敏
2026.8

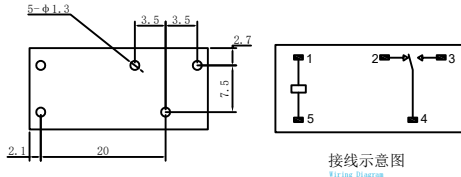
审核

董必周
26.8

5月号
26.8

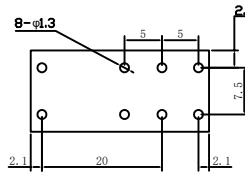
批准

冯前峰
2026.8



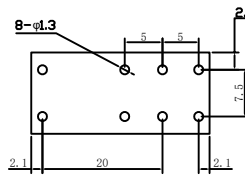
PCB安装孔位示意图
Top View
Schematic diagram of PCB
installation hole positions
Top View

G2R-1C款



PCB安装孔位示意图
Top View
Schematic diagram of PCB
installation hole positions
Top View

G2R-1C-E款



PCB安装孔位示意图
Top View
Schematic diagram of PCB
installation hole positions
Top View

G2R-2C款

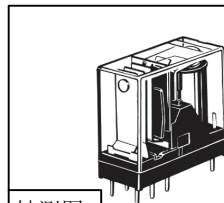
性能参数 (表2.1) Performance parameters (Table 2.1)		
	1NO 1NC	2NO 2NC
接触电阻*1 Contact resistance * 1	100mΩ 以下 Below 100mΩ	100mΩ 以下 Below 100mΩ
动作时间*2 Action time * 2	15ms 以下 Below 15ms	
复位时间*2 Reset time * 2	AC10ms 以下 DC5ms 以下 AC10ms below DC5ms below	
触点负载 Contact load	10A 250VAC 30VDC 16A 250VAC 30VDC	5A 250VAC 30VDC
触点材质 Contact material	AgCd012/Cu/AgCd012	
最大开关 频率 Maximum switch frequency	机械 18000次/h 18000 times/h	18000次/h 18000 times/h
额定负载 Rated load	1000mΩ 以上 Above 1000Ω	
绝缘电阻*3 Insulation resistance * 3	AC5000V 50/60Hz 1min	
耐压 pressure resistance	线圈与接点间 线圈电阻 Coil and contact point Coil resistance	AC3000V 50/60Hz 1min
绝缘距离 Insulation distance	同级接点间 同级电阻 Same level contact point Same level resistance	AC1000V 50/60Hz 1min
耐久 durability	线圈与接点间 线圈电阻 Coil and contact point Coil resistance	空间: 8mm、沿面: 8mm Space: 8mm、Along the surface: 8mm
振动 vibration	耐久 durability	10°~50°10Hz 单振幅0.75mm (双振幅1.5mm) 10°~50°10Hz single amplitude 0.75mm (double amplitude 1.5mm)
冲击 impact	耐久 durability	10°~50°10Hz 单振幅0.75mm (双振幅1.5mm) 10°~50°10Hz single amplitude 0.75mm (double amplitude 1.5mm)
寿命 lifespan	机械 mechanical	1000m/s ²
使用环境温度 Use environment temperature	电气 Electricity	励磁: 200m/s ² 、无励磁: 100m/s ² 、 Excitation: 200m/s ² , no excitation: 100m/s ²
使用环境湿度 Use environment humidity for use	AC1000万次以上、DC2000万次以上 (开关频率18000次/h) AC10000 times above, DC20000 times above (switching frequency 18000 times/h)	
	10万次以上 (额定负载 开关频率1800次/h) Over 100000 times rated load switch frequency 1800 times/h	
	-40°~70°C (无结冰、无凝露) -40°~70°C (no freezing or condensation)	
	5~85%RH	

注: 上述值为初始值
*1. 测量条件: 根据电压下降法, 在DC5V1A的条件下。
*2. 测量条件: 外加额定操作电压时不包括接点震荡时间。
*3. 测量条件: 用DC500V兆欧表测量, 位置与测量耐用时相同。
Note: The above values are initial values
*1. Measurement conditions: According to the voltage drop method, under the condition of DC5V1A.
*2. Measurement conditions: Excluding contact oscillation time when applying rated operating voltage.
*3. Measurement conditions: Measure with a DC500V megohmmeter at the same position as when measuring durability.

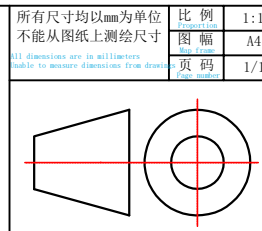
型号说明/选型, 写法举例: G2R-1C-E 24VDC

Model description/selection, writing example: G2R-1C-E 24VDC

对应编号 Corresponding number	G2R	-	1	C	-	E	24VDC				
	1		2	3		4	5				
1	G2R	产品系列号 Product serial number									
2	1	1: 一组 2: 两组 1: Group 2: Two groups									
3	转换类型 conversion type	C: 常开+常闭 A: 常开 C: Normally open+normally closed A: Normally open									
4	特殊机能 Special functions	E: 高容量型 不带E: 常规型 E: High capacity type without E: regular type									
5	电压参数 Voltage parameters	DC: 12VDC 24VDC AC: 110VAC 220VAC									



轴测图
Isometric drawing



所有尺寸均以mm为单位
不能从图纸上测绘尺寸
All dimensions are in millimeters
Unable to measure dimensions from drawing

比例 1:1
图幅 A4
页码 1/1

RY-ELE[®]
浙江荣越电气有限公司
Zhejiang Rongyue Electric Co., Ltd

产品名称
Product Name
中间继电器
intermediate relay
产品型号
Product drawing number
G2R系列
G2R series