# 产品规格书

Product Specification Sheet

| 变更说明 Change description | 更改人 Change person | 更改日期 change date | 备注 remarks |
|---|---|---|---|
| / | / | / | / |
| / | / | / | / |

制图

2026.4

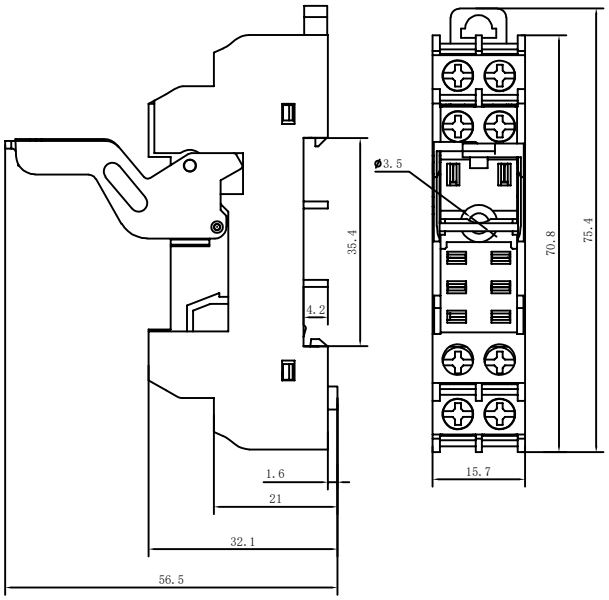
审核

26.4.

26.4

批准

2026.4




RY 2S -08 E

1 2 3 4

1. RY：企业代号
1. RY: Enterprise Code
2. 2S：两组转换
2. 2S: Two sets of conversions
3. 08：8只脚
3. 08:8 feet
4. E：带手指保护
4. E: With finger protection

| 性能参数 （表2.1） Relay performance parameters (Table 2.1) | | |
|---|---|---|
| 安装方式 Installation method | 适配继电器、卡扣式安装 Adapted relay and snap on installation | |
| 底座材料 Base Material | 外壳 Housing | PA6（RoHS）+GF20% V0级阻燃 PA6 (RoHS)+GF20% V0 flame retardant |
| | 盖板 Cover Plate | PBT（RoHS）+GF20% V2级阻燃 PBT (RoHS)+GF20% V2 flame retardant |
| | 卡扣 Buckle | POM（RoHS） |
| | 起拔扣 Pull up buckle | PC+ABS（RoHS） |
| | 连接片 Connecting piece | 高精黄铜带H62Y，厚0.4mm，表面镀铜锡 High precision brass strip H62Y, 0.4mm thick, surface plated with copper and tin |
| | 螺钉 Screw | 材料10B21，表面镀蓝白锌，M3螺钉 Material 10B21, surface coated with blue and white zinc, M3 screw |
| | 螺钉垫片 Screw washer | 宝钢冷轧钢 牌号:000158 Baosteel cold-rolled steel grade: 000158 |
| 接线形式 Wiring form | 螺钉接线，使用0.5-1.5mm²国标线（适配相应跨接条） Screw wiring, using 0.5-1.5mm² National standard line (adapted to corresponding jumper bars) | |
| 拧紧扭矩 Screw Torque | 0.6N.m扭矩力作用下螺钉无滑牙，产品壳体无形变 Under the action of a torque force of 0.6N. m, there is no slippage in the screw, and the product shell undergoes invisible deformation | |
| 工作环境温度 Ambient Temperature | -40℃～+80℃，非真空状态、不结冰情况下 -40 ℃~+80 ℃, in non vacuum and non icing conditions | |
| 工作环境湿度 Working environment humidity | 35～85%RH | |
| 贮存环境温度 Storage environment temperature | 包装完好情况下，-40℃～+55℃ Under intact packaging, -40 ℃ to+55 ℃ | |
| 贮存环境湿度 Storage environment humidity | 包装完好情况下，45～90%RH 45 90% RH with intact packaging | |
| 额定参数 Rated | 8A 300VAC/24VDC | |
| 接触电阻 Contact Resistance | ≤100mΩ | |
| 绝缘电阻 Insulation Resistance | ≥1000MΩ(500VDC) | |
| 抗电强度（工频耐压） Dielectric strength | 相邻端子之间：2500VAC，50HZ，1min(漏电流1mA) Between adjacent terminals: 2500VAC, 50HZ, 1min (leakage current 1mA) | |

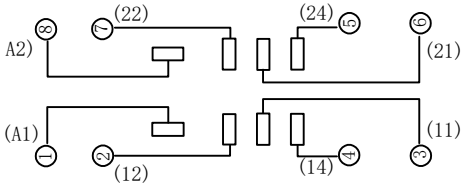
| 性能参数 （表2.2） Relay performance parameters (Table 2.2) | |
|---|---|
| 耐振性 resistance to vibration | XYZ三向，60HZ,振幅2mm ,10小时(每2小时观察记录) XYZ three way, 60HZ, amplitude 2mm, 10 hours (observe and record every 2 hours) |
| 产品防跌落 Product drop prevention | 底座竖直跌落1米，3次，能正常工作 The shell end drops vertically for 1 meter, 3 times, and can work normally |
| 包装跌落 Packaging drop | 600mm高度连续跌落4次，产品无损坏 4 consecutive drops from a height of 600mm, with no damage to the product |
| 耐冲击性 Impact resistance | 各部位能承受冲击力10g，能正常工作 Each part can withstand an impact force of 10g and work normally |
| 温升试验 Temperature rise test | 按GB/T14048.5标准中8.3.3.3条款(恒温25℃，持续通电60Min,所有触点满负载, 1个小时测试间隔内,前后温差不超过55K) According to clause 8.3.3.3 of GB/T14048.5 standard (constant temperature of 25 ℃, continuous power on for 60 minutes, full load on all contacts, within one hour of testing interval, the temperature difference between the front and rear should not exceed 55K) |
| 低温试验 Low temperature test | -40℃，96h，接触电阻≤200mΩ -40 ℃, 96h, contact resistance ≤ 200m Ω |
| 高温试验 High Temperature Test | 80℃，96h，接触电阻≤200mΩ 80 ℃, 96h, contact resistance ≤ 200m Ω |
| 高低温冲击试验 High and low temperature impact test | -40～+85℃，85%RH，40min/循环，50个循环，接触电阻≤200mΩ -40~+85 ℃, 85% RH, 40min/cycle, 50 cycles, contact resistance ≤ 200m Ω |
| 产品认证 Product Certification | CE RoHS |
| 图纸未注一般公差 General tolerances not indicated on the drawing | 按GB/T 1804-m 标准执行。 Follow the GB/T 1804-m standard. |

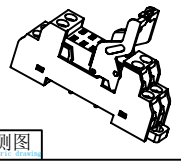
温馨提示：请勿带电操作

Kind reminder: Do not operate with electricity

## 内部接线原理图

Internal wiring schematic



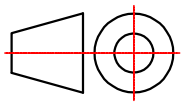



轴测图

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 Scale | 1:1 |
| 图幅 Size | A4 |
| 页码 Page | 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 | 继电器底座 Relay base |
| 产品型号 Product drawing number | RY2S-08E |