

产品规格书

Product Specification Sheet

制图

李加敏
2026.8

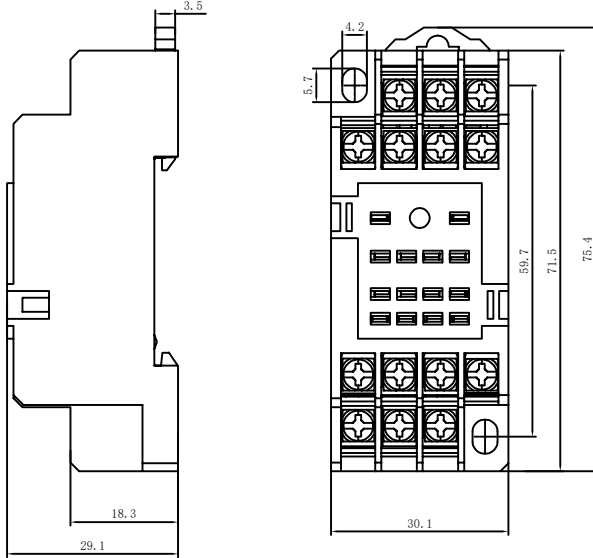
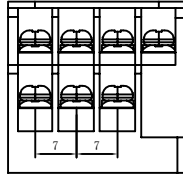
审核

董国
26.8

500号
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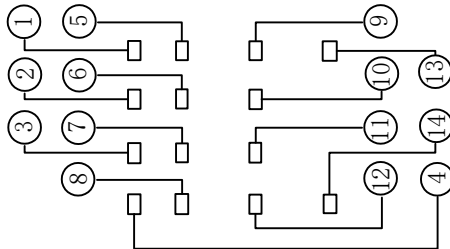
批准

冯前峰
2026.8



内部接线原理图

Internal wiring schematic



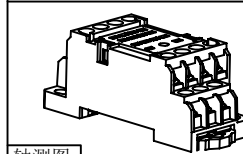
变更说明 Change description	更改人 Change person	更改日期 change date	备注 remarks
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性能参数 (表2.1) Relay performance parameters (Table 2.1)	
适配继电器、卡扣式安装 Adapted relay and snap on installation	
安装方式 Installation method	
底座材料 Base Material	外壳 PA6 (RoHS) +GF20% V1级阻燃 Housing PA6 (RoHS) +GF20% V1 flame retardant 盖板 PA6 (RoHS) +GF20% V1级阻燃 Cover Plate PA6 (RoHS) +GF20% V1 flame retardant 卡扣 POM (RoHS) Snap 连接片 高精密黄铜带H62Y, 厚0.3mm, 表面镀铜锡 Connecting piece High precision brass strip H62Y, 0.3mm thick, surface plated with copper and tin 螺钉 材料10B21, 表面镀镍, M3螺钉 Screw Material 10B21, surface nickel plated, M3 screw
接线形式 Wiring form	螺钉接线, 使用0.5-1.5mm ² 国标线 (适配相应跨接条) Screw wiring using 0.5-1.5mm ² national standard line (adapting corresponding jumper bar)
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 screws, 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	5A 250VAC/24VDC
接触电阻 Contact Resistance	≤100mΩ
绝缘电阻 Insulating Resistance	≥1000MΩ (500VDC)
抗电强度 (工频耐压) Dielectric strength	相邻端子之间: 1800VAC, 50HZ, 1min (漏电流1mA) Between adjacent terminals: 1800VAC, 50HZ, 1min (leakage current 1mA)

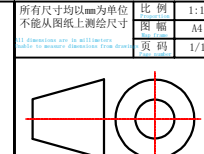
性能参数 (表2.2) Relay performance parameters (Table 2.2)	
耐振性 Resistance to vibration	XYZ三向, 60HZ, 振幅2mm, 10小时 (每2小时观察记录) XYZ three way, 60HZ, amplitude 2mm, 10 hours (observe and record every 2 hours)
盐雾试验 Salt spray test	16H
低温试验 Low temperature test	-40℃, 96h, 接触电阻≤200mΩ -40℃, 96h, contact resistance ≤ 200mΩ
高温试验 High Temperature Test	80℃, 96h, 接触电阻≤200mΩ 80℃, 96h, contact resistance ≤ 200mΩ
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 ≤ 200mΩ
产品认证 Product Certification	CE RoHS
图纸未注一般公差 General tolerance 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



轴测图



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	RYF14A2