

<https://www.ry-ele.com>

请注意，订购前请务必了解注意事项。
Please note that it is essential to understand the precautions before placing an order.

认证号 Certification Number:
2023000303000021
CE
认证号 Certification Number:
ICR Polska/V/C/HD230501
RoHS
认证号 Certification Number:
TNR0HSRY551



特性 Characteristics

- 电器面板安装式设计，通过SSR散热底板用M4螺钉可安装于平板或散热器上
The electrical panel is designed for installation, and can be mounted on a flat surface or radiator using M4 screws through the SSR heat dissipation base.
- 具有行业标准的外形尺寸与安装尺寸
With industry-standard appearance dimensions and installation dimensions.
- 是目前固态继电器市场最常用的外形尺寸与安装类型
It is currently the most commonly used size and installation type in the solid state relay market.
- 广泛应用于注塑机加热系统、包装机械、纺织机械、马达控制、自动化设备控制等领域
Widely used in the fields of injection molding machine heating systems, packaging machinery, textile machinery, motor control, automation equipment control, etc.

订货规格 Order specifications

订货号 Order number	RYSSR-DA48100	RYSSR-AA48100	RYSSR-DD22100
包装单位 Packaging unit	10 pcs		
最小订货量 Minimum order quantity	10 pcs		
单件重量 (不含包装) Unit weight (excluding packaging)	约100g About 100g		
单件重量 (含包装) Single item weight (including packaging)	/		
原产地 Origin	WZ		

订货标记示例 Order Mark Example

RY SSR - DA 48 100
① ② ③ ④ ⑤

- ① RY:企业代号
① RY:Enterprise code
- ② SSR: 单向固态继电器
② SSR: Single-direction solid-state relay
- ③ DA=直流控交流; AA=交流控交流; DD=直流控直流
③ DA=Direct current controls alternating current; AA=Communication control communication; DD=Direct current control Direct current
- ④负载电压: 直流控交流-24-480VAC; 交流控交流-24-480VAC; 直流控直流-5-220VDC
④Load voltage: Direct current controls alternating current-24-480VAC; Communication control communication-24-480VAC; Direct current control Direct current-5-220VDC
- ⑤负载电流: 10A,25A,40A,50A,60A,75A,80A,100A,120A
⑤Load current: 10A,25A,40A,50A,60A,75A,80A,100A,120A

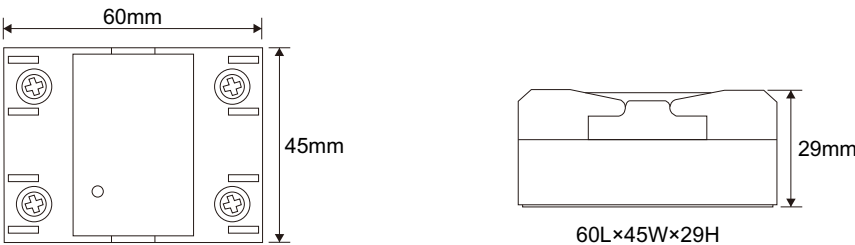
- 注意 Attention:
- 1.订购时，继电器电压选型参考线圈规格表;
1.When ordering, refer to the coil specification table for relay voltage selection.
- 2.客户特殊要求，由我司技术部评审后，按特性号的形式标识。
2.Customer's special requirements will be indicated in the form of feature numbers after being reviewed by our technical department.

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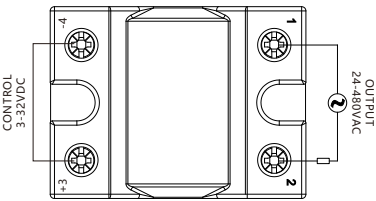
性能参数 Performance parameters

负载电流 Load current	10A,25A,40A,50A,60A,75A,80A,100A,120A
负载电压 Load voltage	DA:24-480VAC AA:24-480VAC DD:5-220VDC
控制电压 Control voltage	DA:3-32VDC AA:70-280VAC DD:3-32VDC
控制电流 Control current	DA:DC3-25mA AA:AC≤12mA DD:DC5-35mA
通态压降 Operating pressure drop	≤1.5V
通态漏电流 Leakage current in common mode	≤2mA
断态时间 discontinuous time	≤10mS
介质耐压 Medium withstand voltage	2500VAC
环境温度 Ambient temperature	-30~+75℃

外形尺寸图 Exterior Dimension Drawing



接线图 Wiring diagram



注意 Attention:

- 1.产品部分外形尺寸未注尺寸公差，当外形尺寸≤1mm，公差为±0.2mm；当外形尺寸在(1~5)mm之间，公差为±0.3mm；当外形尺寸>5mm，公差为±0.4mm；
1. The dimensional tolerances for some product exterior dimensions are not specified. When the exterior dimension is ≤1mm, the tolerance is ±0.2mm; when the exterior dimension is between (1~5)mm, the tolerance is ±0.3mm; when the exterior dimension is >5mm, the tolerance is ±0.4mm;
- 2.安装孔尺寸中未注尺寸公差为±0.1mm；
2. The dimensional tolerance not specified for the installation hole size is ±0.1mm;
- 3.直流带续流二极管产品在接线前需确认正负极。
3. Before connecting the DC with a freewheeling diode product, be sure to confirm the positive and negative terminals.

注意 Attention:

- 1.上述值均为初始值。
1. The above values are all initial values.

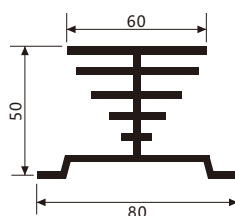
单位:mm
unit:mm

SRD-1-单向固态散热器
SRD-1 - one-way solid-state heat sink

螺钉/导轨式安装, 适用于负载实际电流10-25A的单相固态继电器
Screw/rail mounting, suitable for single-phase solid state relays with a load of 10-25A actual current



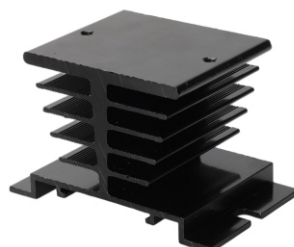
外形及安装尺寸图 (mm) 50L×80W×50H
Outline and installation dimension drawing (mm)



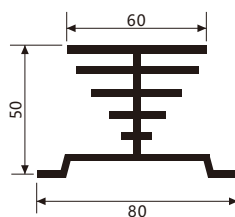
最大电流承载能力 Maximum current carrying capacity: 25 A

SRD-2-单向固态散热器
SRD-2 - one-way solid-state heat sink

螺钉/导轨式安装, 适用于负载实际电流40A的单相固态继电器
Screw/rail mounting, suitable for single-phase solid state relays with an actual load current of 40A



外形及安装尺寸图 (mm) 50L×80W×80H
Shape and installation dimension drawing(mm)



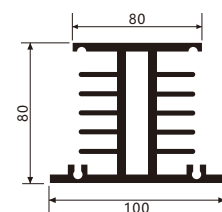
最大电流承载能力 Maximum current carrying capacity: 40 A

SRD-3-单向固态散热器
SRD-3 - one-way solid-state heat sink

螺钉式安装, 适用于负载实际电流50-60A的单相固态继电器
Screw mounting, suitable for single-phase solid state relays with load actual current of 50-60A



外形及安装尺寸图 (mm) 55L×100W×80H
Shape and installation dimension drawing(mm)



最大电流承载能力 Maximum current carrying capacity: 60 A

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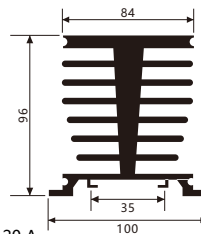
单位:mm
unit:mm

SRD-5-单向固态散热器
SRD-5 - one-way solid-state heat sink



螺钉/导轨式安装，适用于负载实际电流80-120A的单相固态继电器
Screw/rail mounting, suitable for single-phase solid state relays with load actual current 80-120A

外形及安装尺寸图 (mm) 60L×100W×96H
Shape and installation dimension drawing(mm)



 最大电流承载能力 Maximum current carrying capacity: 120 A