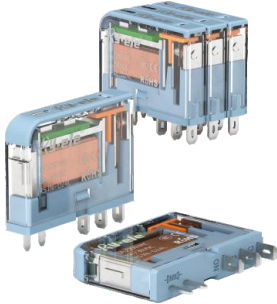


RS-1C-Single relay



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

Please note that please be sure to understand the precautions before ordering.




Certification Number:
2023000303000021


Certification Number:
ICR Polska/VC/HD230501


Certification Number:
TNVROHSRY551

Characteristics

- 6A load switching capability
- A set of contact conversion forms
- The mechanical life is more than 20 million times
- Long-life type
- Meet the use of sockets

Order specifications

Order number	RS-1C-D24L	RS-1C-D24LT
Packing Units	100 pcs	
Minimum order quantity	100 pcs	
Unit weight (including packaging)	约 5.0 g	
Unit weight (without packaging)	/	
Origin	WZ	

Example of an order mark

RS - 1C - D24 L T / (XXX)
① ② ③ ④ ⑤ ⑥

- ① RS: Relay series
- ② Contact Type: 1C=1 group of changeover type
- ③ Coil voltage: Refer to the coil parameter table
- ④ With LDE light indication
- ⑥ T: with test button; None: Without a test button
- ⑦ Customer Code: Any combination of numbers or letters

 Note:

1. When ordering, refer to the coil specification table for relay voltage selection;

2. The special requirements of customers will be identified in the form of characteristic numbers after being reviewed by our technical department.

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

Contact parameters

Contact form	1NO1NC
Contact Resistance(1)	≤50mΩ
Contact material	AgSnO ₂
Contact load	6A 250VAC/30VDC
Maximum switching voltage	400VAC/125VDC
Maximum switching current	6A
Maximum switching power	1662VA/180W
Mechanical durability	≥2000万次
Electrical Life(2)	NO:6A 250VAC, 阻性负载, 60000cycles min
On-off time: 1s on/9s off, room temperature	NC:6A 24VDC, 阻性负载, 30000cycles min

Performance parameters

Insulation resistance	≥500MΩ(500VDC)
The medium is pressure-resistant	Between heteropolar contacts 2000VAC 1min
	Between the contact and the coil 2000VAC 1min
Action time	≤8ms
Release time	≤4ms
Coil temperature rise	≤85K
Impulse voltage	Waveform: 1.2/50us 4000V
Shock resistance	Frequency 10Hz-55Hz, double amplitude 1mm
Humidity	5~85%RH
Temperature	-40°C ~ +80°C
Lead-out form	Plug-in / PCB mount type
Encapsulation	Solder mask or plastic type

Note:

1. The above values are initial.

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

Contact Parameters (DC Specification: 0.4W)

23°C

Rated voltage VDC	5	6	12	24	48	60
Operating voltage ⁽¹⁾ VDC	75%Max.					
Release voltage VDC	5%Min.					
The allowable voltage range of the coil VDC	95-120%					
Coil resistance(±10%)Ω	147	212	848	3390	10600	16600

Note:

1. The above values are the initial values;
2. At room temperature, when the relay operates normally, the minimum value of the voltage applied to the coil foot of the relay shall not be less than 75% of the rated voltage, but in order to achieveTo the specified product performance, please apply the rated voltage to the coil when using.
3. The maximum voltage refers to the maximum voltage value that the relay coil can withstand in a short time

RS-1C-Single relay

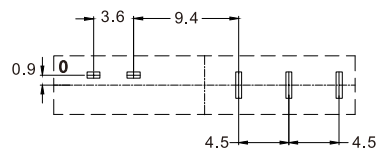
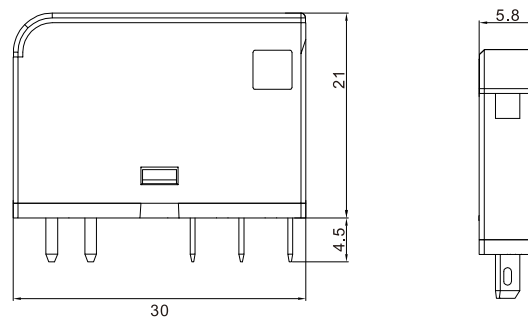
RY-ELC

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

Exterior Dimension Drawing

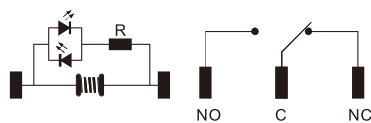
Unit:mm

Vertical mounting type with pins



PCB cut-out dimension drawing

Wiring diagram



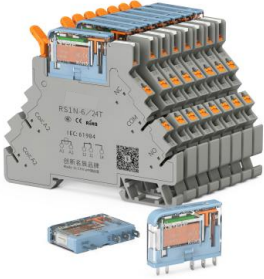
Note:

1. When the overall size is $\leq 1\text{mm}$, the tolerance is $\pm 0.2\text{mm}$, and when the overall size is between $(1\sim 5)\text{mm}$, the tolerance is $\pm 0.3\text{mm}$; When the overall size $> 5\text{mm}$, the tolerance is $\pm 0.4\text{mm}$;
2. The size tolerance of the mounting hole is $\pm 0.1\text{mm}$;
3. DC with freewheeling diode products need to confirm the positive and negative electrodes before wiring.

Matching base

RY-ELÉ

https://www.ry-elereley.com



 Certification Number:
2023000303000021

 Certification Number:
ICR Polska/VC/HD230501

 Certification Number:
TNVROHSRY551

Characteristics

- The withstand voltage of the medium can reach 4000VAC, and the insulation resistance is 1000MΩ
- With finger protection function
- With relay puller, lock and prevent falling off, easy to replace
- Built-in protection circuit to achieve power-on indication, line protection, and extended relay transmission input voltage range and other functions
- Low power consumption and easy to use

Order specifications

Model	Rated voltage	Curren rating	Ambient temperature	Input voltage	Coil voltage	Screw torque	External wires	Weight
RS1C-D6/24T	250VAC	6A	-35°C~70°C	(6-24)V AC/DC	(6-24)VDC	0.5N.m	7mm	about19g
RS1C-D48/60T	250VAC	6A	-35°C~70°C	(48-60)V AC/DC	(48-60)VDC	0.5N.m	7mm	about19g
RS1C-D110/240T	250VAC	6A	-35°C~70°C	(110-240)V AC/DC	60VDC	0.5N.m	7mm	about19g

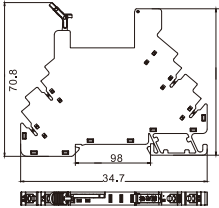
Matching base

RS1C-D6/24T-Push-in wiring



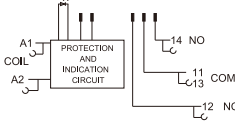
Push-in cable, grey base, can be equipped with connection strip 41F-H1/H1R/H1B

Outline drawing



(Top View)

Wiring diagram



 Maximum current carrying capacity: 6 A