

REC LA SERIES

FEATURES

- Open-frame and plastic sealed types
- European and USA footprints are available to meet international standards
- 1 Form A and 1 Form C contact arrangement

Using at automotive, control industrial, Domestic appliances, heavy loads, etc.



ORDERING INFORMATION

$\frac{LA}{1 \quad 2}$ — $\frac{12}{3}$ $\frac{F}{4}$ $\frac{W}{5 \quad 6}$

1. Type

2. Contact Arrangement

Nil: 1 Form C

1A: 1 Form A

1B: 1 Form B

3. Coil Nominal Voltage

4. Pin Position

F : USA footprint

E : European footprint

5. Coil Sensitivity

Nil : 1.6W

S : 1.2W

6. Enclosure

Nil : Open Type

W : Sealed Type

CONTACT RATING

1 Form C	Resistive (Cos.θ = 1)	DC 14V	40A/30A
2 Form A	Resistive (Cos.θ = 1)	DC 14V	2 x 20A

COIL DATA(1.2W,1.6W, at 25°C)

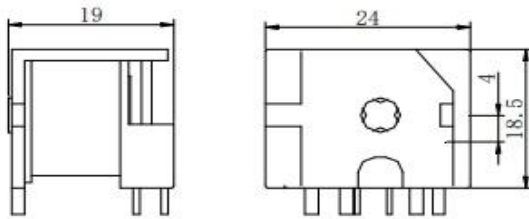
Coil Nominal Voltage (VDC)	Resistance Tol.±10% (Ohms)		Nominal Current (mA)		Maximum Pick Up Voltage (V)		Minimum Drop Out Voltage (V)
	1.6W	1.2W	1.6W	1.2W	1.6W	1.2W	
6	22.5	30	266.7	200	4.2	4.5	0.6
9	50.6	67.5	177.9	133.3	6.3	6.75	0.9
12	90	120	133.3	100	8.4	9.0	1.2
24	360	480	66.7	50	16.8	18.0	2.4

RAYEX ELEC.ISSUED RECOY INT'L.

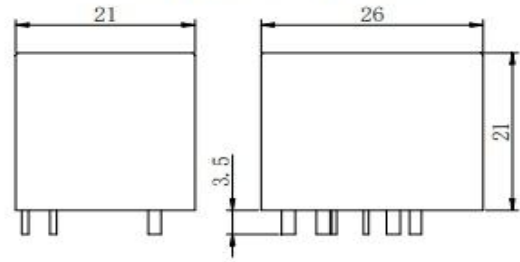
DIMENSIONS(±0.2mm)

Outline Dimension 外形尺寸(mm)

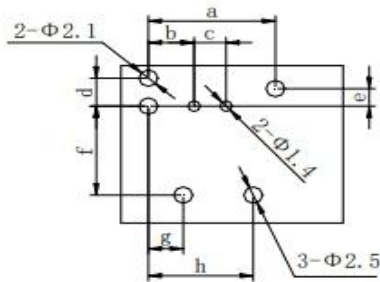
Open Type 敞开式



Sealed Type 密封式

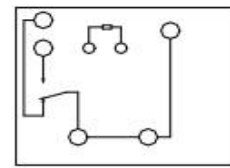


PC Board Layout 安装图



	U. S. A	EUROPE
a	14.88	15.9
b	5.35	5.9
c	3.75	4.2
d	3.75	3.3
e	2.33	2.2
f	11.8	12.1
g	4.08	2.2
h	12.28	13.2

Wiring Diagram 接线图

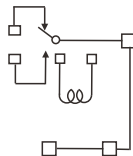


(Bottom View 底视)

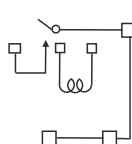
(Bottom View 底视)

WIRING DIAGRAM
(BOTTOM VIEW)

1C



1A



GENERAL DATA

Insulation Resistance	100 MΩ Min. (DC 500V)
Dielectric Strength	500 VAC, 50/60Hz between contact.
	750VAC, 50/60Hz between all elements.
Contact Material	Ag Alloy.
Contact Resistance	100 milliohms max. (initial value)
Shock Resistance	Malfunction: 10G(11ms) ; Destructive: 100G(6ms)
Vibration Resistance	Malfunction: 10 to 55 Hz. at Double Amplitude of 1.5 mm
	Destructive: 10 to 55 Hz. at Double Amplitude of 1.5 mm
Operation Time	5ms max.
Release Time	5 ms max.
Temperature Range	- 40°C ~ + 80°C
Expected Life	With operation rate 30/min.
	Mechanical - 10,000,000 operations min.
	Electrical - 100,000 operations min. at rated load.
Weight	30 grams

RAYEX ELEC.ISSUED RECOY INT'L.