

# RSJ SERIES

## ORDER CODE

**RSJ-12-30-M**

M: Metallic Cover  
P: Plastic Bracket Cover  
Pt: Plastic Cover

20: 20A  
30: 30A

COIL VOLTAGE — 12: DC12V  
24: DC24V

TYPE



### Main Features:

- Plastic and Metals cover all available.
- Contact rated load up to 30A/12VDC.
- Fit to standard wiring harnesses socket.
- Application for air condition control, halogen head lamp control horn control, fog lamp control, etc.

## COIL RATING (at 20°C)

Nominal Voltage (VDC)	COIL Resistance ( $\Omega$ )(+/-10%)	Power Consumpt -10N(VA)	Nominal Current (mA)(+/-10%)	Pull In Voltage (VDC)	Drop Out Voltage (VDC)	Max. Allowable Voltage (VDC)
DC 12V	100 $\Omega$	1.44VA	120mA	70% Max.	10% Min.	130%
DC 24V	400 $\Omega$		60mA			

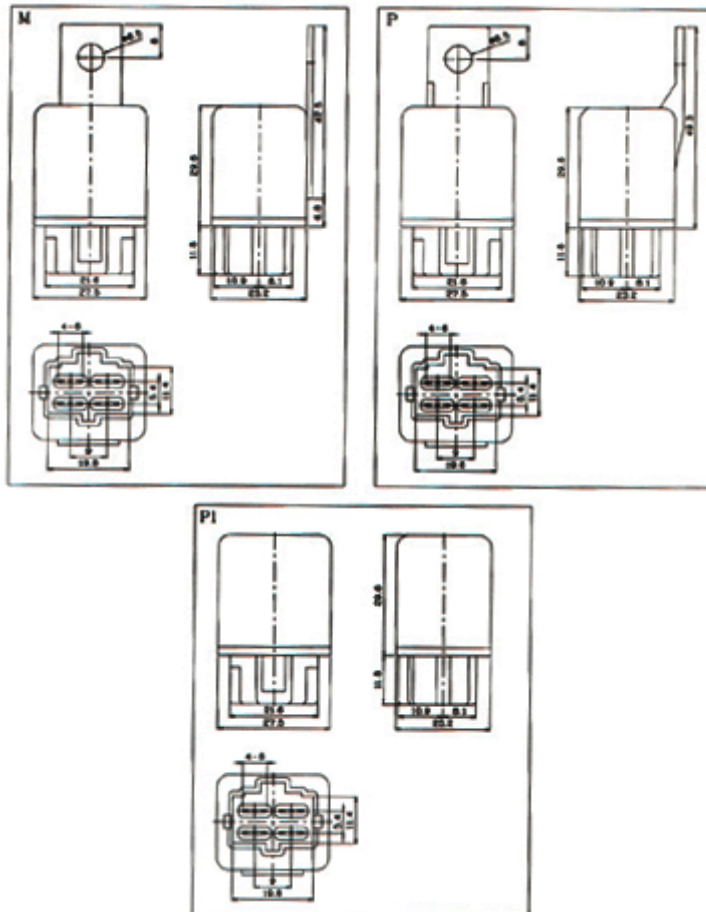
## PERFORMANCE (at initial value)

Item \ Type	1a
Contact Resistance	50m $\Omega$ Max (initial value)
Operate Time	15m sec Max.
Release Time	15m sec Max.
Dielectric Strength between coil & contact between contact	Ac1000V (1min.) Ac500V (1min.)
Insulation Resistance	50M $\Omega$ Min. (DC500V)
Operating Ambient Temperature	-30°C ~ +80°C
Humidity	35 to 85% RH
Vibration Resistance	10G (10~50Hz) (Dual amplitude: 2mm)
Shock Resistance	10G
Life Expectancy Mechanically Electrically	500,000 ops . Min. (1800 ops./h) 100,000 ops. Min. (1200 ops./h)
Weight	47.2g (about)

## CONTACT RATING

Item \ Type	1a
Rated Carrying Current	DC 12V 30A DC 24V 20A
Max. Allowable Current	40A
Max. Allowable Voltage	32V
Max Current (continual)	30A
Contact Material	Ag Alloy

## DIMENSIONS (Unit: mm)



## WIRING DIAGRAMS (Bottom View)

