

RSV_(M) SERIES

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ORDER CODE

RSV-1C-M-12-H-D

D: DIODE
 DI: DIODE INVERSE
 R1: RESISTOR 880Ω(DC12V)
 R2: RESISTOR 2700Ω(DC24V)
 820Ω(DC12V)
 3200Ω(DC24V)
 H: 40A
 L: 70A
 COIL VOLTAGE 12: DC12V
 24: DC24V
 □: QUICK CONNECT TERMINALS
 M: QUICK CONNECT TERMINALS (BRACKET COVER)
 MM: QUICK CONNECT TERMINALS (STEEL BRACKET)
 1: 1c
 2: 1a
 3: 1b
 4: 2au
 5: 2a
 TYPE



Main Features:

- Optional mounting bracket with plastic & steel.
- Contact rating 40amps, 70amps.
- Standard type contact form SPDT and DPST are all available.
- Standardized design for plug-in quick connects terminals.

COIL RATING (at 20°C)

RATED VOLTAGE (V)	COIL RESISTANCE (Ω) (+/- 10%)	RATED POWER (W)	NOMINAL CURRENT (mA) (+/- 10%)	PULL IN VOLTAGE (V)	DROP OUT VOLTAGE (V)
DC 12V	90 Ω	1.6W	133.3 mA	7.8V	1.2V
DC 24V	360 Ω	1.6W	66.7 mA	17.0V	2.4V

PERFORMANCE (at initial value)

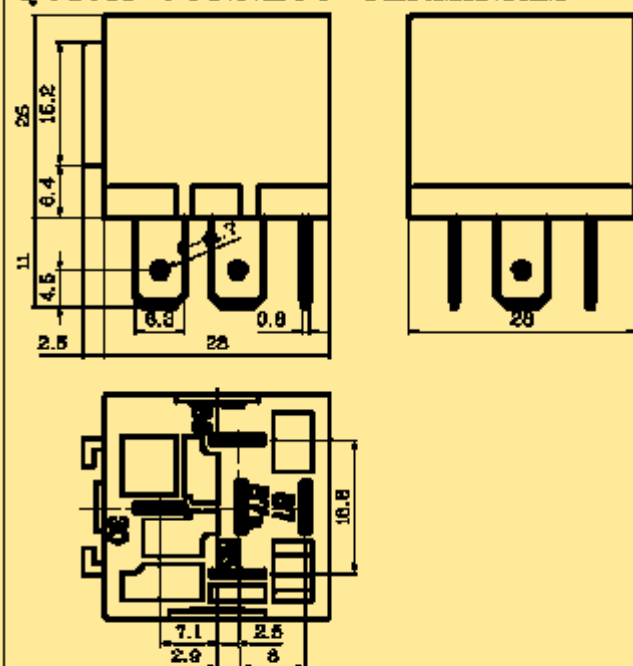
Item	Type	40A	70A
Contact Resistance		50mΩ Max. (initial value)	
Operate Time		10msec Max.	
Release Time		10msec Max.	
Dielectric Strength		AC 500V (1min)	
Insulation Resistance		50MΩ Min.(DC 500V)	
Operating Ambient Temperature		-30°C ~ +70°C	
Humidity		35 to 85% RH	
Vibration Resistance		10~55Hz, amplitude 2mm	
Voltage Drop Between Contact Terminals		300mV (AT 10 AMPS)	
Life Expectancy		10,000,000 ops. Min. (18000 ops./h) 100,000 ops. Min. (1200 ops./h)	
Mechanically Electrically			
Weight		40g (about)	

CONTACT RATING

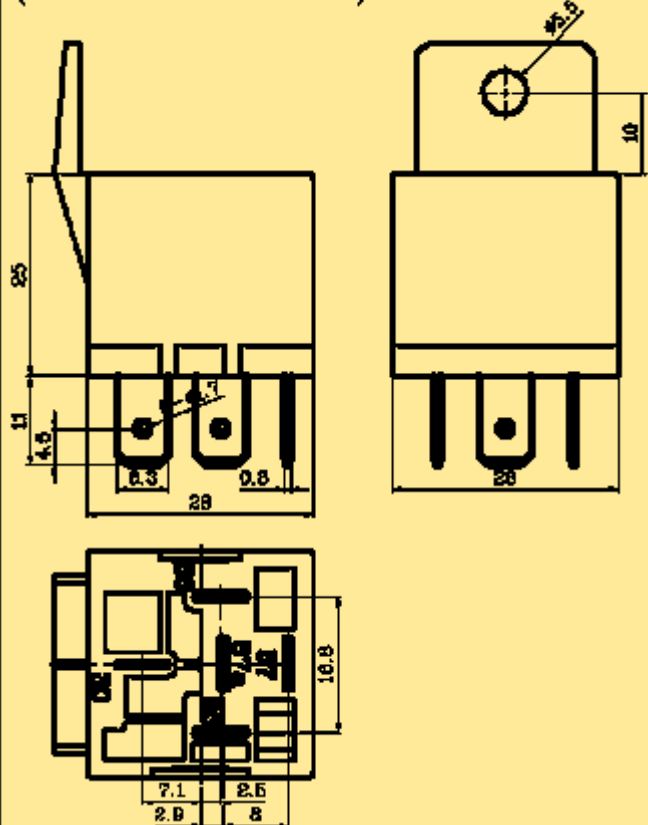
Item	Type	40A	70A
Rated Carrying Current		DC 14V 40A	DC 14V 70A
Max. Allowable Current		50A	80A
Max. Allowable Voltage		32V	32V
Max. Current (continual)		40A	70A
Contact Material		Ag alloy	

DIMENSIONS (Unit : mm)

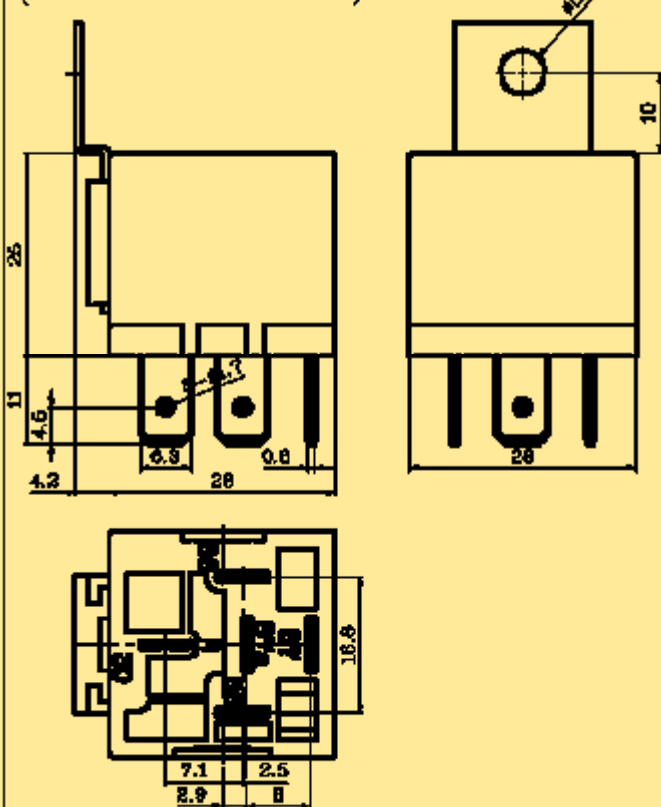
QUICK CONNECT TERMINALS



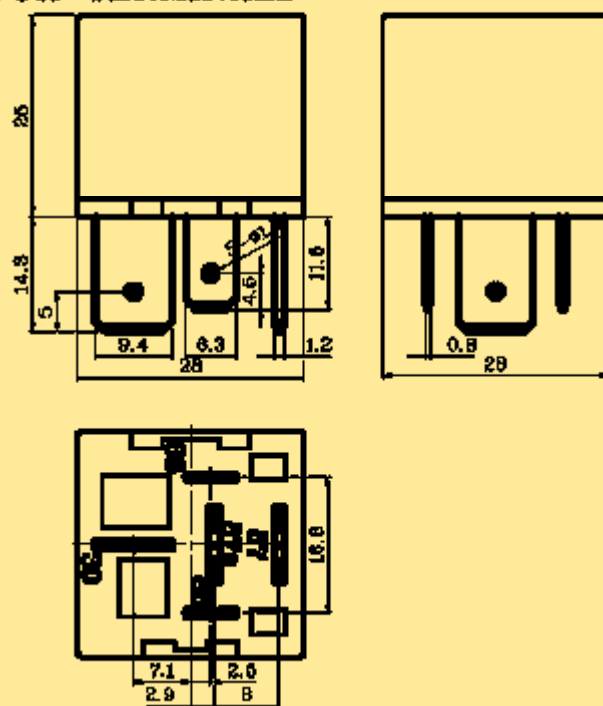
(BRACKET COVER)



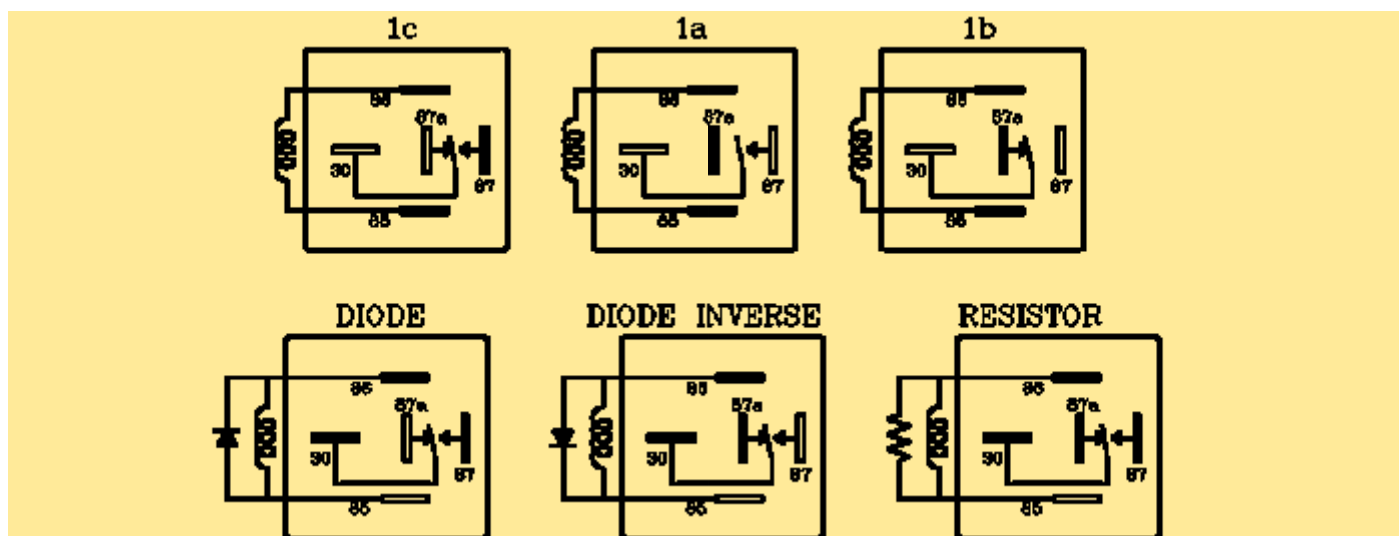
(STEEL BRACKET)



70A TERMINALS



WIRING DIAGRAMS (Bottom View)



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Taipei Head Office

Address: 246 Lian Cheng Road, Chung-Ho City, Taipei, Taiwan

Tel: +886-2-22263388

Fax: +886-2-22263066

Home page: <http://www.sunhold.com>

E-mail: sunhold@sunhold.com

Gung-Dong Factory

Address: 1st Industrial Zone, Da-Jing Hou-Jie Town, Dong-Guan City, Guang-Dong, China

Tel: +86-769-5827502

Fax: +86-769-5827503