

ORDER CODE

S24 - 12 A

S12 Series



Nil:1C
A:1A

Coil voltage
12,24 VDC

Model Name:S24

Main Features:

- Size:24.2X18.4X47.9
- Multiple choices for cover type.
- Contact rated load up to 30A/12VDC
- 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 (Ω)(±10%)	Power Consumption(W)	Nominal Current (mA)(±10%)	Pull In Voltage (VDC)	Drop Out Voltage (VDC)	Max. Allowable Voltage (VDC)
12V	96Ω	1.5W	125.0mA	70% MAX	10% MIX	130%
24V	384Ω		62.5mA			

PERFORMANCE(at initial value)

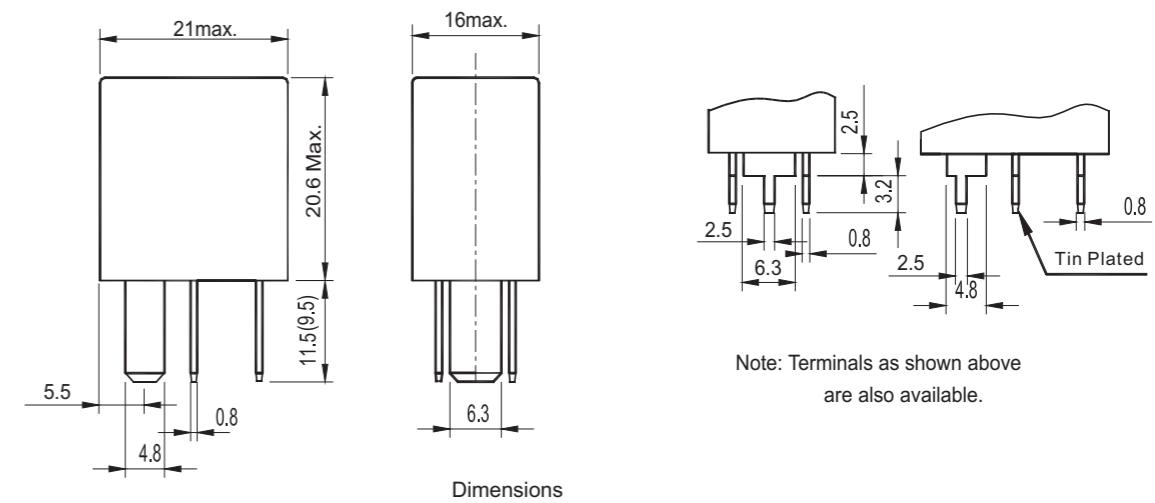
Item	Type	1A	1C
Contact Resistance		50mΩ	Max.(Initial Value)
Operate Time		10msec Max.	
Release Time		7msec Max.	
Dielectric Strength between Coil & Contact between Contact		1000VAC(1min) 500VAC(1min)	
Insulation Resistance		100MΩ Min.(DC500V)	
Operating Ambient Temperature		-40°C ~+125°C	
Humidity		35 to 85% RH	
Vibration Resistance		10G(10~40Hz) (Dual Amplitude:2mm)	
Shock Resistance		10G	
Life Expectancy Mechanically Electrically		10,000,000 ops.Min.(1800 ops./h) 100,000 ops.Min.(1200 ops./h)	
Weight		22g(approx.)	

CONTACT RATING

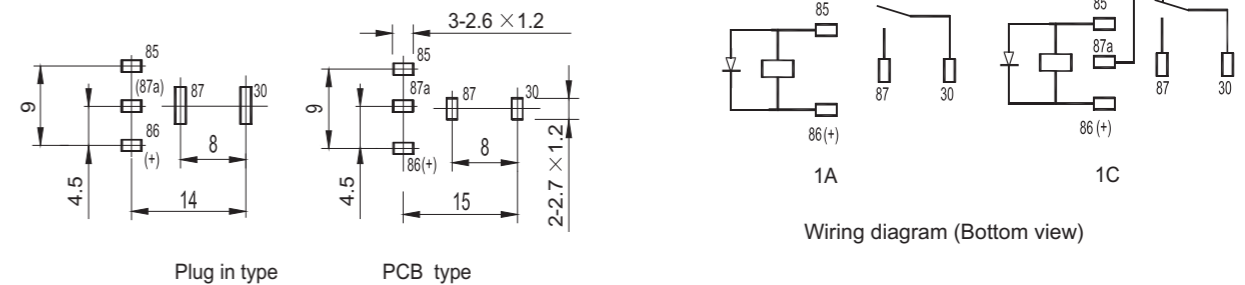
Item	Type	1A	1C
Rated Carrying Current		30A/14VDC	
Max. Allowable Current		30A	
Max. Allowable Voltage		75VDC	
Max. Current(Continual)		30A	
Contact Material		Ag alloy	

OUTLINE DIMENSION, WIRING DIAGRAM & PC BOARD LAYOUT

Unit: mm



Note: Terminals as shown above are also available.



Remark: 1) In case of no tolerance shown in outline dimension: outline dimension ≤1mm, tolerance should be ±0.2mm; outline dimension >1mm and ≤5mm, tolerance should be ±0.3mm; outline dimension >5mm, tolerance should be ±0.4mm.
2) The tolerance without indicating for PCB layout is always ±0.1mm.

CHARACTERISTIC CURVES

