

SCF SERIES

ORDER CODE


SCF-12-30-A

□: 1c
A: 1a
B: 1b

30: 30A
20: 20A

COIL VOLTAGE — 12: DC12V

TYPE



Main Features;

- High temperature venison.
- Contact rating 20A/30A/12VDC.
- Contact arrangement 1 form A to 1 form C.
- Application for Automotive air condition, fog lamp control.

COIL RATING (at 20°C)

NOMINAL VOLTAGE (VDC)	COIL RESISTANCE (Ω) ($\pm 10\%$)	POWER CONSUMPT -ION(W)	NOMINAL CURRENT (mA)($\pm 10\%$)	PULL IN VOLTAGE (VDC)	DROP OUT VOLTAGE (VDC)	MAX. ALLOWABLE VOLTAGE (VDC)
DC12V	80 Ω	1.8W	150mA	65% MAX.	10% MIN.	130%

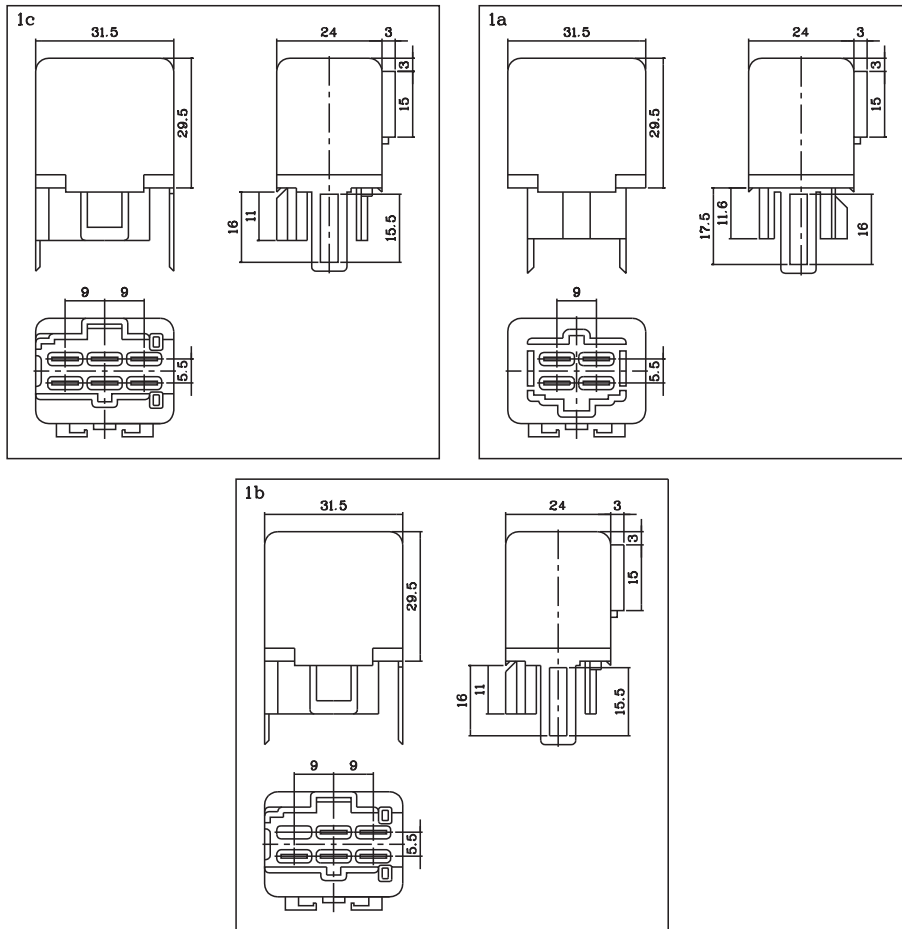
PERFORMANCE (at initial value)

Item	Type	30A (NO Contact)	20A (NC Contact)
	Contact Resistance		50m Ω Max. (initial value)
Operate Time		15msec Max.	
Release Time		5msec Max.	
Dielectric Strength between coil & contact between contact		AC1000V (1min) AC500V (1min)	
Insulation Resistance		50M Ω Min.(DC500V)	
Operating Ambient Temperature		-30°C ~ +85°C	
Humidity		35 to 85% RH	
Vibration Resistance		10G (10~55Hz)(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		41g(about)	

CONTACT RATING

Item \ Type	30A (NO Contact)	20A (NC Contact)
Rated Carrying Current	DC12V 30A	DC12V 20A
Max. Allowable Current	35A	30A
Max. Allowable Voltage	24V	24V
Max. Current (continual)	30A	20A
Contact Material	Ag alloy	

DIMENSIONS(Unit: mm)



WIRING DIAGRAMS(Bottom View)

