

SVF SERIES

ORDER CODE

SVF-24-30-A

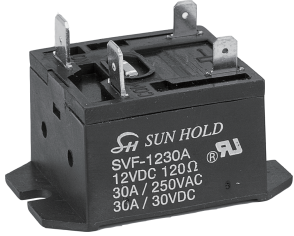
TYPE — SVF
SVFB

COIL VOLTAGE —

06: DC 6V
12: DC 12V
18: DC 18V
24: DC 24V

30: 30A

A: 1a



Main Features

- 1 form A (SPST) contact form.
- Surge strength 4,000 VAC.
- High current 30A/250VAC in small relay.
- PCB mounting and quick connect terminals be used for various application.

COIL RATING (at 20°C)

NOMINAL VOLTAGE (VDC)	COIL RESISTANCE (Ω)(±10%)	POWER CONSUMPT - ION(W)	NOMINAL CURRENT (mA)(±10%)	PULL IN VOLTAGE (VDC)	DROP OUT VOLTAGE (VDC)	MAX. ALLOWABLE VOLTAGE (VDC)
6V	30Ω	1.2W	200mA	70% MAX.	10% MIN.	130%
12V	120Ω		100mA			
24V	480Ω		50mA			
48V	1920Ω		25mA			

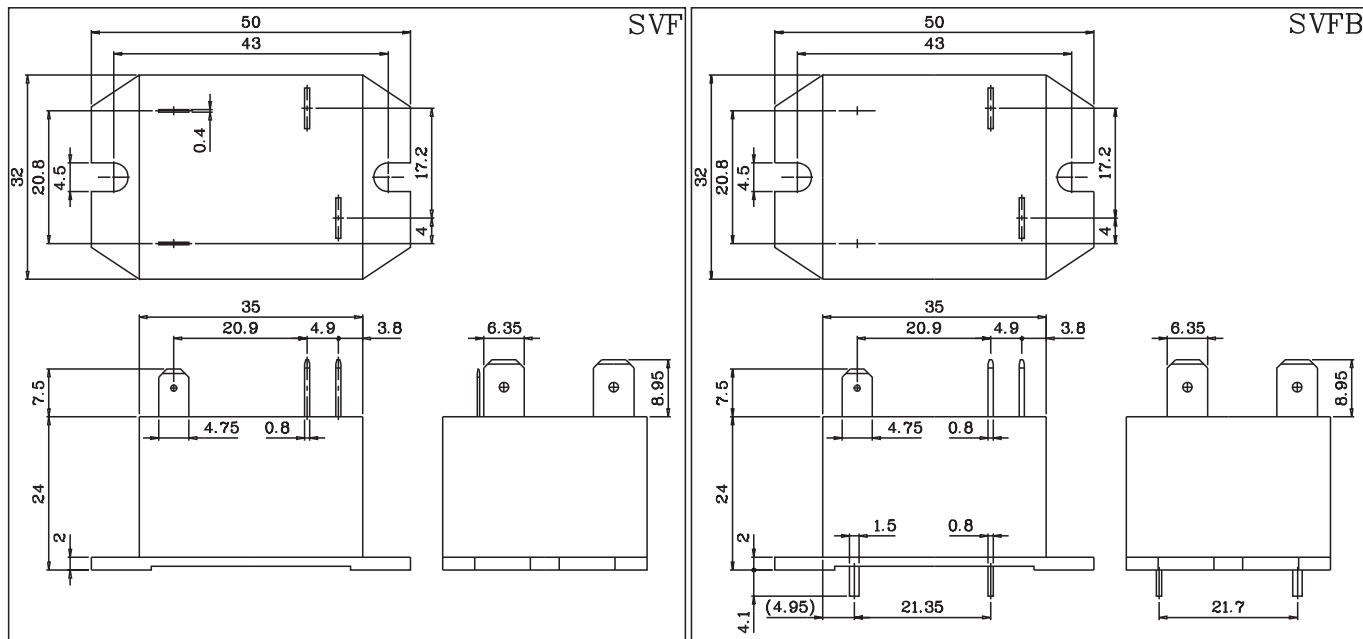
PERFORMANCE (at initial value)

Item	Type	30A
Contact Resistance		100mΩ Max.(initial value)
Operate Time		20msec Max.
Release Time		10msec Max.
Dielectric Strength between coil & contact between contact		AC4000V (1min) AC1200V (1min)
Insulation Resistance		1000MΩ Min.(DC500V)
Operating Ambient Temperature		-40°C ~ +70°C
Humidity		35 to 85% RH
Vibration Resistance		10G (10~55Hz)(Dual amplitude:1.5mm)
Shock Resistance		10G
Life Expectancy Mechanically Electrically		10,000,000 ops. Min.(1800 ops./h) 100,000 ops. Min.(1200 ops./h)
Weight		55g

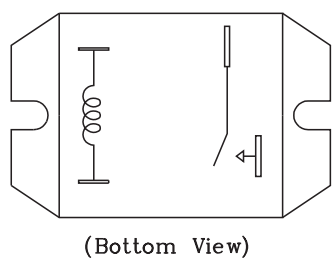
CONTACT RATING

Item	Type	30A
Rated Carrying Current (motor load 2HP)		AC250V 30A DC30V 30A
Max. Allowable Current		35A
Max. Allowable Voltage		AC250V DC30V
Motor Load		AC250V 2HP
Max. Current(continual)		30A
Contact Material		Ag Alloy

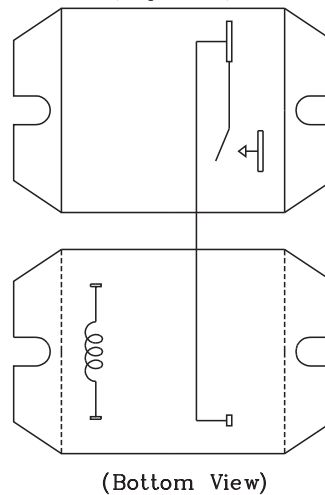
DIMENSIONS(Unit: mm)



WIRING DIAGRAMS(Bottom View)



(Top View)



REFERENCE DATA

