

繼電器

# Heavy-Load Relay

## Features

- Max. Switching Current 30A
- SPST through SPDT
- 4KV Dielectric strength ,Contact to coil
- Big ability On-Off



## Order Code

BT116F - 2 - 12 D - S - L - 1A  
 a            b c d e f

- a: Relay Model
- b: Nominal Coil Voltage
- c: D=DC ; A=AC
- d: Nil=Dust Coat ; S=Plastic Seal
- e: L=Screw Fitted Terminal ; P=PCB
- f: 1A=1 Form A ; 2A=2 Form A

## Coil Data-Standard Type (at 20°C)

Coil Type	Nominal Voltage(V)	Coil Resistance ± 10% (ohm)	Max. Operate Voltage (V)	Min. Release Voltage (V)
AC	6V	18.8	80%	15%
	12V	75		
	24V	300		
	48V	1200		
	120V	5200		
	220V	20800		
DC	3V	4.7	75%	10%
	6V	18.8		
	12V	75		
	24V	300		
	48V	1200		
	100V	5200		
	110V	6300		
	200V	21000		

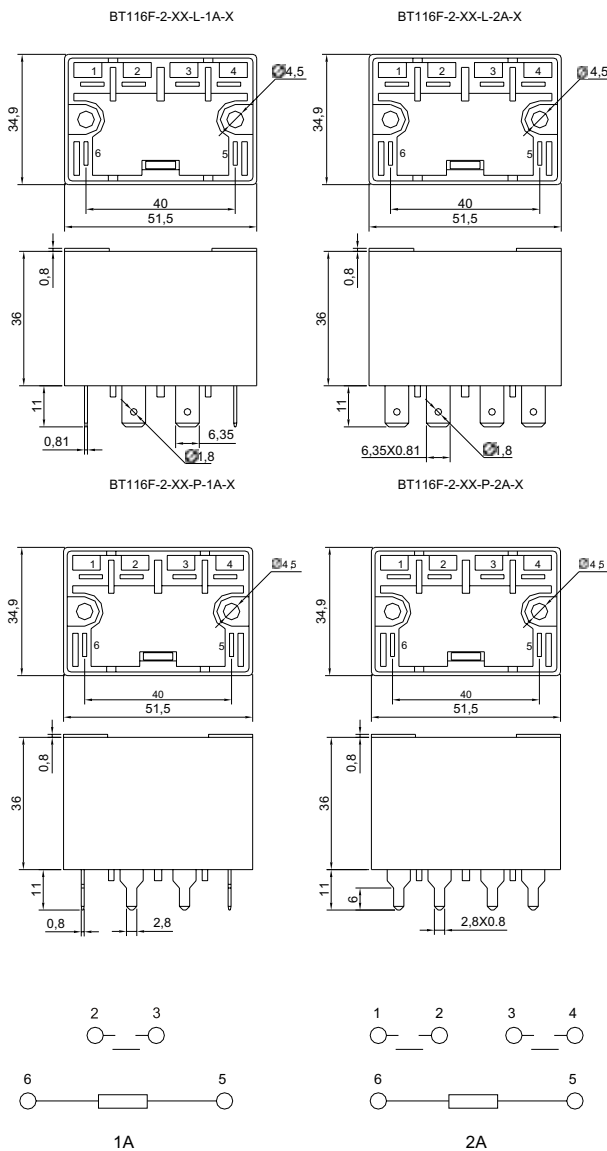
## Contact Rating

Contact Form	1 Form A	2 Form A
Contact Rating	30A 250VAC 30A 28VDC	25A 250VAC 25A 28VDC
Max. Switching Voltage	277VAC / 28VDC	
Max. Switching Current	30A	25A
Max. Switching Power	7500VA/840W	6250VA/700W

Specification

Contact Material	Silver Alloy
Contact Resistance	Max. 100m ohm (24VDC 1A)
Operate Time	30ms
Release Time	30ms
Insulation Resistance	1000M ohm Min. (500VDC)
Dielectric Strength	Between Open Contacts 2000VAC (for 1 min)
	Between Coil to Contacts 4000VAC (for 1 min)
Vibration	10-55Hz, D.A, 1.5mm
Shock Resistance	10G
Life Expectancy of Mechanical	10,000,000 ops. Min.
Life Expectancy of Electrical	100,000 ops. Min.
Operating Temperature	-55°C ~ +70°C
Weight	Approx. 120g

Dimensions (Unit: mm)



Wiring Diagrams (Bottom View)

