



BTA2-3C



## Main Feature

- >13A contact rating
- >various contact form: (1C)SPDT/ (2C)DPDT/ (3C)3PDT
- >blowout magnet can be chosen
- >LED indicator : shows coil ON/OFF status
- >manual test button: allows manual operation of relay lockable
- >comply RoHS and REACH stander

## How to order

Discription	BTA2	-2C	S	-C	ML	-24VDC
series: BTA2						
contact form 1C:SDPDT 2C:DPDT 3C:3PDT						
contact rating Blank: 1C:13A 2C:12A 3C:11A						
terminal type: S2:4.8*0.5mm / S1:4.8*0.8mm P2:1.2*0.8mm / P3:1.2*0.5mm						
cover style C:stander clear cover C1:side flange cover C3:top flange cover C4:din rail cover						
options M: manual test button ( blank : with out button ) L: LED indicator ( blank : with out LED ) B:blowout magnet ( only for 2C DC loading ) LED light color : AC: red DC: green						
Coil voltage A: AC D: DC (AC: 6V~240V DC: 6V~110V )						

## >Characteristic

type		1C	2C	3C	
contact	load	resistive	13A @28VDC;240VAC	12A@28VDC/240VAC; 13A@120VAC	11A@28VDC/240VAC; 13A@120VAC
		motor	1/3Hp,120VAC/ 1/2Hp,240VAC		
	switching power	364W/3120VA	364W/2880VA	308W/2640VA	
	switching current	13A			
	resistance	≤50mΩ			
	material	AgSnO2 银锡			
	electrical life	10,000 ops			
	mechanical life	1000,000 ops			
must operate voltage ( 23°C )		DC:≤80%, AC: ≤85% 50/60HZ			
must release voltage ( 23°C )		DC:≥10%, AC: ≥30% 50/60HZ			
max voltage ( 23°C )		110%			
Insulation resistance		1000MΩ @500VDC			
power consumption	DC(W)	1.2W			
	AC(VA)	2.0~3.0VA			
operate time		AC≤30ms DC≤20ms			
release time		AC≤25ms, DC≤15ms			
dielectric strength	between open contact	1000VAC, 1Min			
	pole to pole	1500VAC, 1Min			
	contact to coil	1500VAC, 1Min			
ambient temperature		-30°C~+65°C (AC/DC)			
ambient humidity		5%RH~85%RH			
atmosphere		86-106KPa			
shock resistance (malfunction)		98m/s <sup>2</sup>			
shock resistance (destruction)		980m/s <sup>2</sup>			
vibration resistance		10Hz~55Hz, Double amplitude 1.0mm			

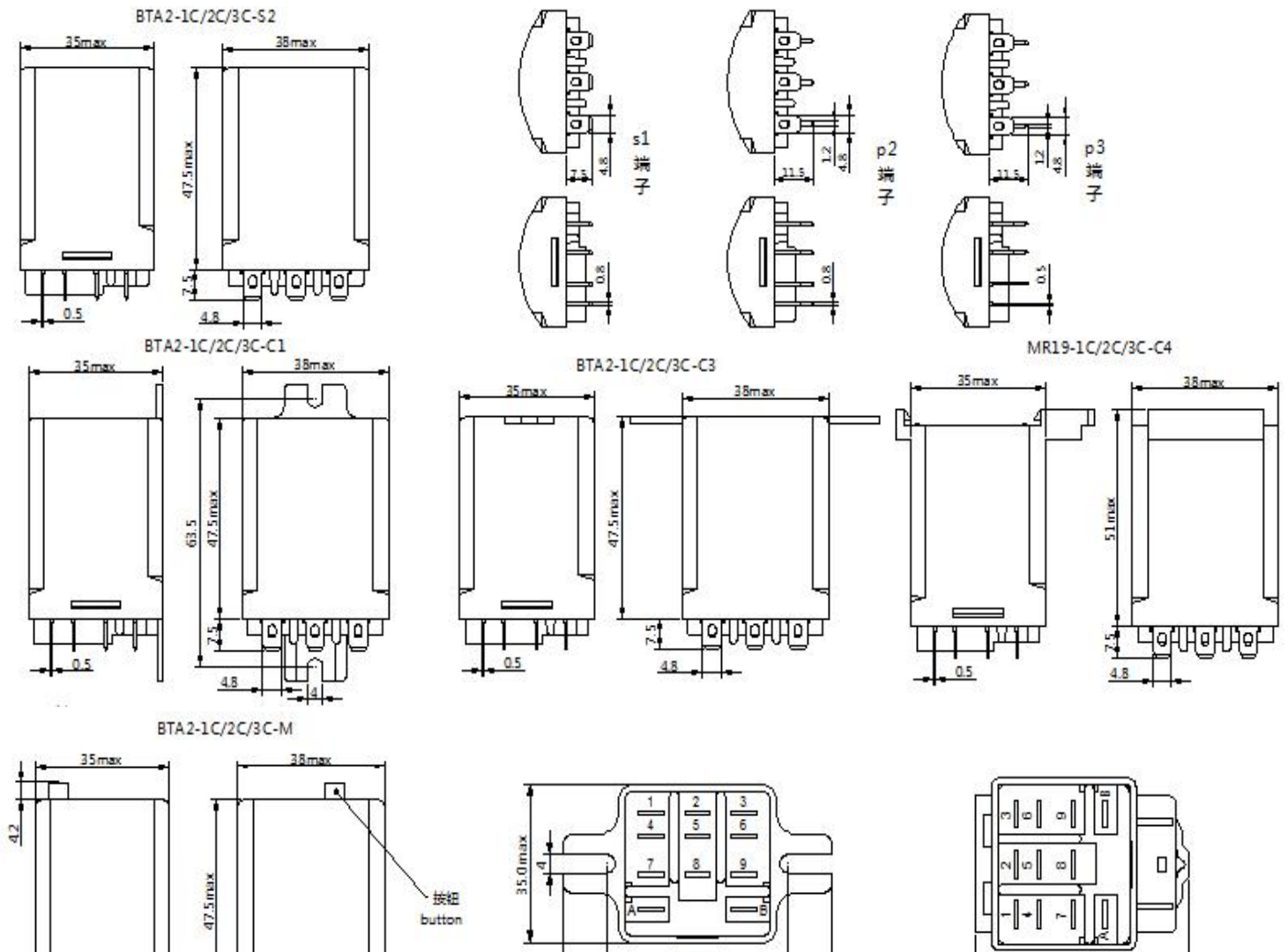
terminal types	plug in or PCB mounted terminal		
dimension	35mm×35mm ×53mm		
weight	about88g	about90g	about92g

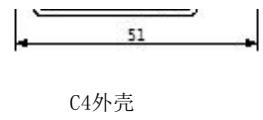
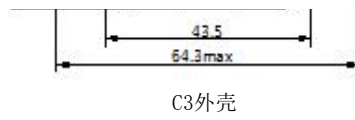
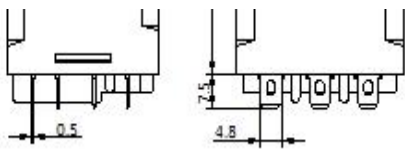
### >Coil rating (temperature + 23°C)

Rated Voltage ( V )	Must Operate ( V )	Must Release ( V )	Max ( V )	Coil Resistance(Ω)±10%
1C/2C/ 3C	≤80%	≥10%		6VDC
				12VDC
				24VDC
				48VDC
				110VDC
1C/2C	≤85%	≥30%	110%	6VAC
				12VAC
				24VAC
				48VAC
				110VAC
				120VAC
				220VAC/230VAC
				240VAC
3C	≤85%	≥30%	110%	6VAC
				12VAC
				24VAC
				48VAC
				110VAC
				120VAC
				220VAC/230VAC
				240VAC

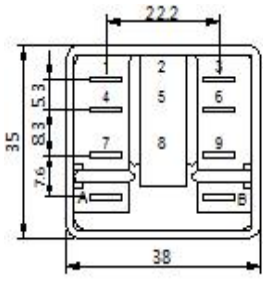
Note: The maximum voltage is the maximum that the relay can withstand in a short period of time.

### >Dimension (mm)

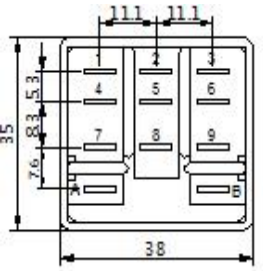




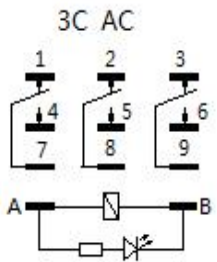
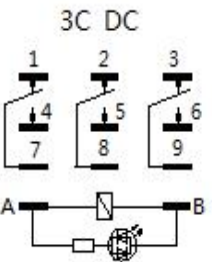
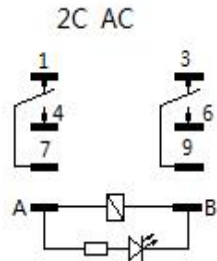
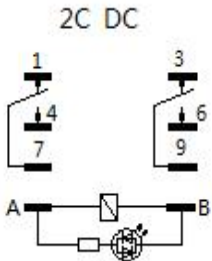
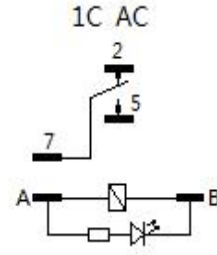
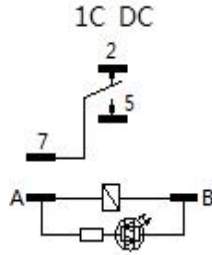
>Wire diagram



BTA2-1C/2C



BTA2-3C



>>>socket (相关参数见BTA3插座说明)

