



BTA3-2C



Main Feature

- >25A high contact rating
- >various contact form: 1A/1B/1C/2A/2B/2C/3A/3B/3C
- >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	BTA3	-2C	S	-C	ML	-24VDC
series: BTA3						
contact form 1C:SDPDT 1A:SPNO 1B:SPNC 2C:DPDT 2A:DPNO 2B:DPNC 3C:3PDT 3A:3PNO 3B:3PNC						
contact rating Blank:AC:25A DC:13A						
terminal type: S:6.3*0.8mm / S1:4.8*0.8mm/ S2:4.8*0.5mm/ P1:2.3*0.8mm / P2:1.2*0.8mm/ p3:1.2*0.8mm						
cover style C:stander clear cover C1:side flange cover C3:top flange cover C4:din rail cover						
options M: manual test button (blank : without button) L: LED indicator (blank : without 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/1A/1B		2C/2A/2B		3C/3A/3B	
	load	resistive	13A, 28VDC / 20A, 15VDC 25A, 300VAC / 20A, 277VAC / 5A, 600VAC		13A/28VDC , 15A/28VDC (N.O.only) 20A/15VDC, 20A/150VAC, 15A/250VAC 20A/150VAC, 20A/277VAC, 10A/300VAC	
contact	motor	1/3Hp,120VAC/ 1/2Hp,240VAC				
switching power	364W,7500VA			420W,3750VA		
switching current	25A		25A		20A	
resistance	≤50mΩ					
material	AgSnO2 银锡					
electrical life	10,000 ops					
mechanical life	1000,000 ops					
must operate voltage (23℃)	DC:≤80%(额定电压) , AC: ≤85% 50/60HZ(额定电压)					
must release voltage (23℃)	DC:≥10%(额定电压) , AC: ≥30% 50/60HZ(额定电压)					
max voltage (23℃)	110% (额定电压)					
Insulation resistance	1000MΩ @500VDC					
power consumption	DC(W)	1.2-1.5W				
	AC(VA)	3.0-3.4VA				
operate time	AC≤30ms DC≤20ms					
release time	AC≤25ms, DC≤15ms					
dielectric strength	between open contact	1000VAC,1Min (漏电流1mA)				
	pole to pole	1500VAC,1Min (漏电流1mA)				
	contact to coil	1500VAC,1Min (漏电流1mA)				
ambient temperature	-30℃~+65℃ (AC/DC) (无结冰、无结露)					
ambient humidity	5%RH~85%RH					
atmosphere	86-106KPa					
shock resistance (malfunction)	98m/s2					
shock resistance (destruction)	980m/s2					
vibration resistance	10Hz~55Hz, Double amplitude 1.0mm					
terminal types	plug in or PCB mounted terminal					

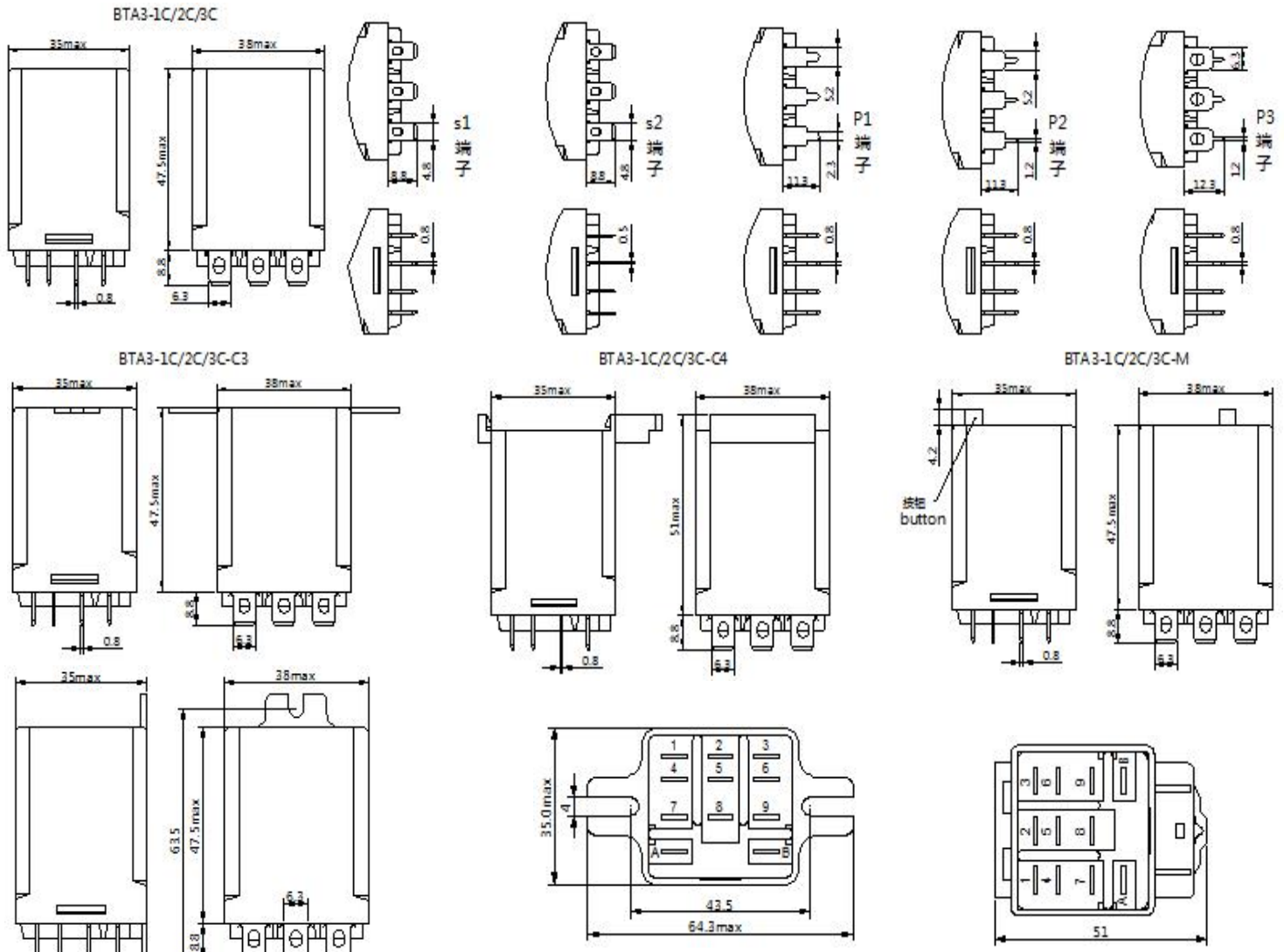
dimension	35mm×35mm ×53mm		
weight	约88g	约90g	约92g

>Coil rating (temperature + 23℃)

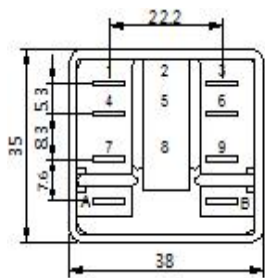
Rated Voltage (V)	Must Operate (V)	Must Release (V)	Max (V)	Coil Resistance(Ω)±10%
DC 1C/2C	≤80%	≥10%	110%	6VDC
				12VDC
				24VDC
				48VDC
				110VDC
				125VDC
DC 3C	≤80%	≥10%		6VDC
				12VDC
				24VDC
				48VDC
				110VDC/125VDC
AC 1C/2C	≤85%	≥30%		6VAC
				12VAC
				24VAC
				110VAC
				120VAC
				220VAC
				240VAC
				240VAC
AC 3C	≤85%	≥30%		6VAC
				12VAC
				24VAC
				48VAC
				120VAC
			240VAC	

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

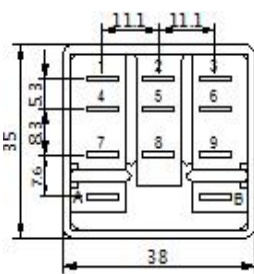
>Dimension (mm)



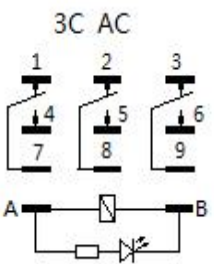
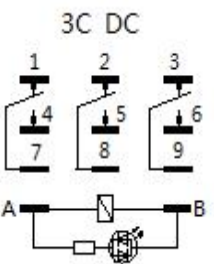
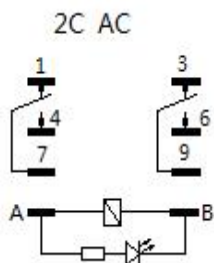
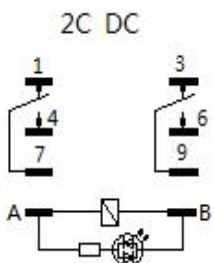
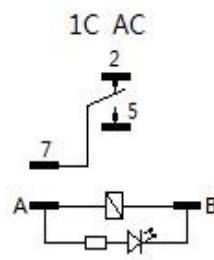
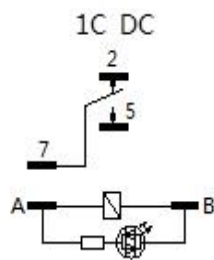
>Wire diagram



BTA3-1C/2C



BTA3-3C



>>>socket (相关参数见BTA3插座说明)



BTA3-11A