

# >>>Power Relay(BTA6)



MGRELAY®



BTA6-2C



## Main Feature

- >16A high contact rating
- >various contact form: (2C)DPDT / (3C)3PDT
- >flag indicator: shows relay status in manual or powered condition
- >LED indicator : shows coil ON/OFF status
- >rotary button: allows manual operation of relay lockable

## How to order

Discription	BTA1	-2C		-J	-C	M4WL	-24VDC
series: BTA1							
contact type: 2C:DPDT 3C:3PDT							
contact rating Blank: 10A							
octal terminal type 8PIN/11PIN J:J style circule U:U style circule							
cover type: C: stander clear cover							
options: M: manual push button 4: lock down door W:without flag L: LED LED light color : AC: red DC: green							
Coil voltage A: AC D: DC (AC: 6V~240V DC: 6V~110V )							

## >Characteristic

		type	2C	3C
contact	load	resistive	10A@28VDC/240VAC 16A@28VDC/277VAC	
		motor	1/3Hp,120VAC/ 1/2Hp,240VAC	
	switching power		560W, 5540VA	
	switching current		10A/16A	
	resistance		≤50mΩ	
	material		10A:AgNi 银镍 12A/15A/20A:AgSnO2 银锡	
	electrical life		10,0000 ops	
	mechanical life		1000,0000 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		≤20ms		
release time		≤15ms		
dielectric strength	between open contact	1500VAC,1Min		
	pole to pole	2500VAC,1Min		
	contact to coil	1500VAC,1Min		
ambient temperature		-25°C~+55°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		

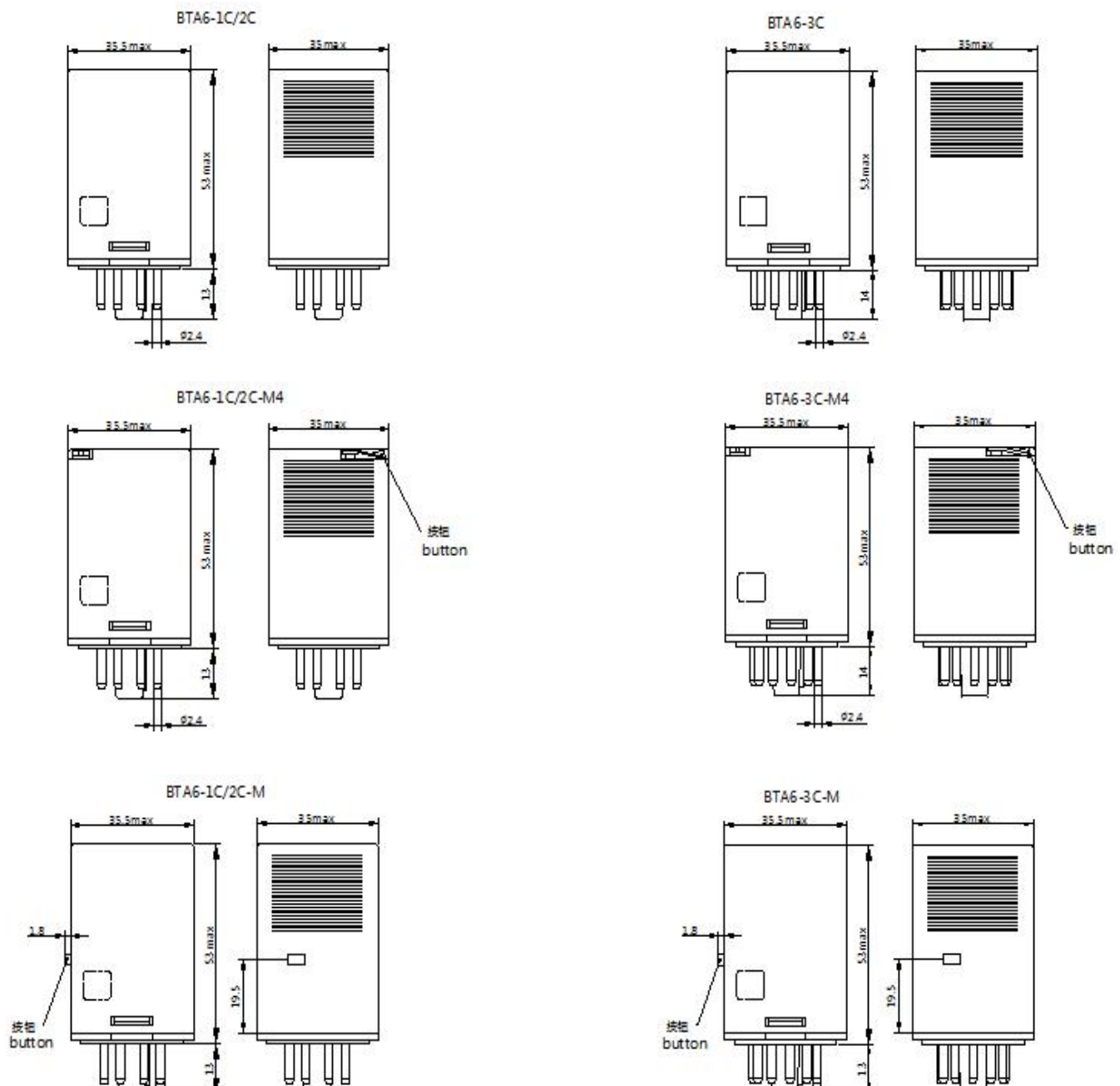
dimension	35mm×35mm ×53mm	
weight	约88g	约90g

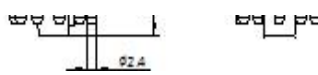
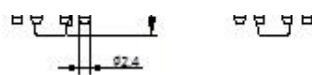
### >Coil rating (temperature + 23℃)

	Rated Voltage ( V )	Must Operate ( V )	Must Release ( V )	Max ( V )	Coil Resistance(Ω)±10%
DC	6VDC	≤80%	≥10%	110%	32
	12VDC				120
	24VDC				472
	48VDC				1800
	110VDC				10000
AC	6VAC	≤85%	≥30%		4.2
	12VAC				18
	24VAC				72
	48VAC				190
	110VAC				1700
	120VAC			1700	
	220VAC			7200	
	230VAC			8000	
	240VAC			9000	

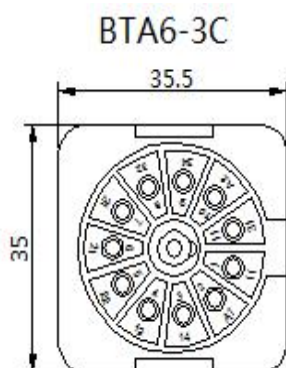
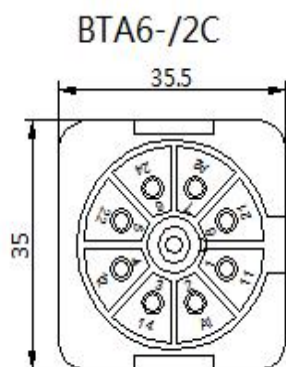
Note: The maximum voltage is the maximum that the relay can withstand in a short period of time.

### >Dimension (mm)

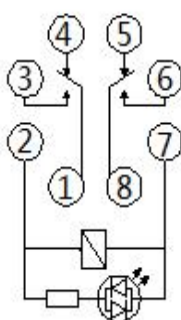




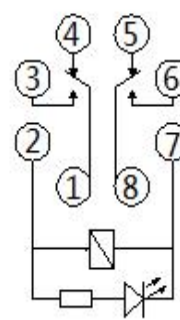
>Wire diagram



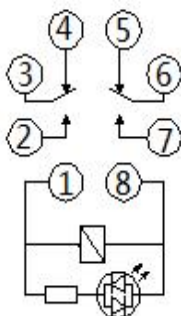
2C-J型线路DC



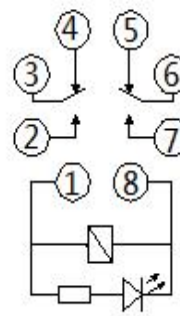
2C-J型线路AC



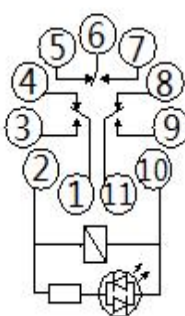
2C-U型线路 DC



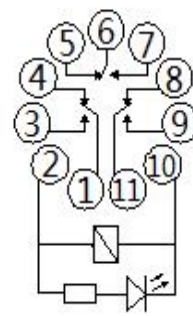
2C-U型线路AC



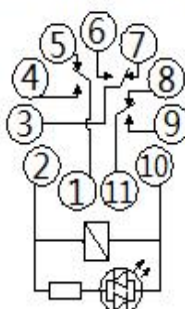
3C-U型线路 DC



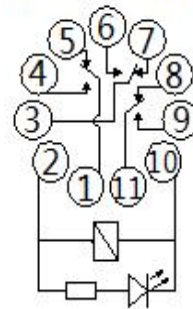
3C-U型线路AC



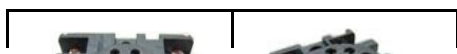
3C-J型线路DC



3C-J型线路AC



>>>socket (相关参数见BTA6插座说明)





PF-083A/B



PF-113A/B