

# >>>General Purpose Relay(BMY5)



MGRELAY®



BMY5-4C



BMY5-2C



## Main Feature

- >multiple contact load can be chosen: 5A.10A
- >various contact form: (2C)DPDT/ (3C)3PDT/ (4C)4PDT
- >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	BMY5	2C	5	S	C	M4WL	D24
Type: BMY5							
contact form 2C:DPDT 3C:DPDT 4C:4PDT							
contact load 5:5A 10:10A							
terminal type S:stander plug in style P:PCB mounted pins							
cover style 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

contact	type	2C5 / 3C5 / 4C5	2C10 / 3C10 / 4C10	
	load	resistive	UL: 5A@28VDC/277VAC	UL:8A@28VDC/277VAC,10A@120VAC
		motor	1/10Hp,120VAC 1/10Hp,240VAC	1/3HP @120VAC,1/2hp@277VAC
	switching power	150W,1385VA	240W,2216VA	
	switching current	5A	10A	
	resistance	≤50mΩ		
	material	AgNi		
	electrical life	100,000 ops		
mechanical life	10,000,000 ops			
must operate voltage ( 23℃ )	DC:≤75%, AC: ≤80% 50/60HZ			
must release voltage ( 23℃ )	DC:≥10%, AC: ≥30% 50/60HZ			
max voltage ( 23℃ )	110%			
Insulation resistance	500MΩ @500VDC			
power consumption	DC(W)	0.9W		
	AC(VA)	1.2VA		
operate time	≤20ms			
release time	≤15ms			
dielectric strength	between open contact	1000VAC,1Min		
	pole to pole	1500VAC,1Min		
	contact to coil	1500VAC,1Min		
ambient temperature	-25℃~+50℃ (AC/DC)			
ambient humidity	5%RH~85%RH			
atmosphere	86-106KPa			
shock resistance (malfunction)	200m/s <sup>2</sup>			
shock resistance (destruction)	1000m/s <sup>2</sup>			
vibration resistance	10Hz~55Hz, Double amplitude 1.0mm			
terminal types	plug in style or PCB mounted terminal			
dimension	28mm×21.5mm×36mm			
weight	about 37g			

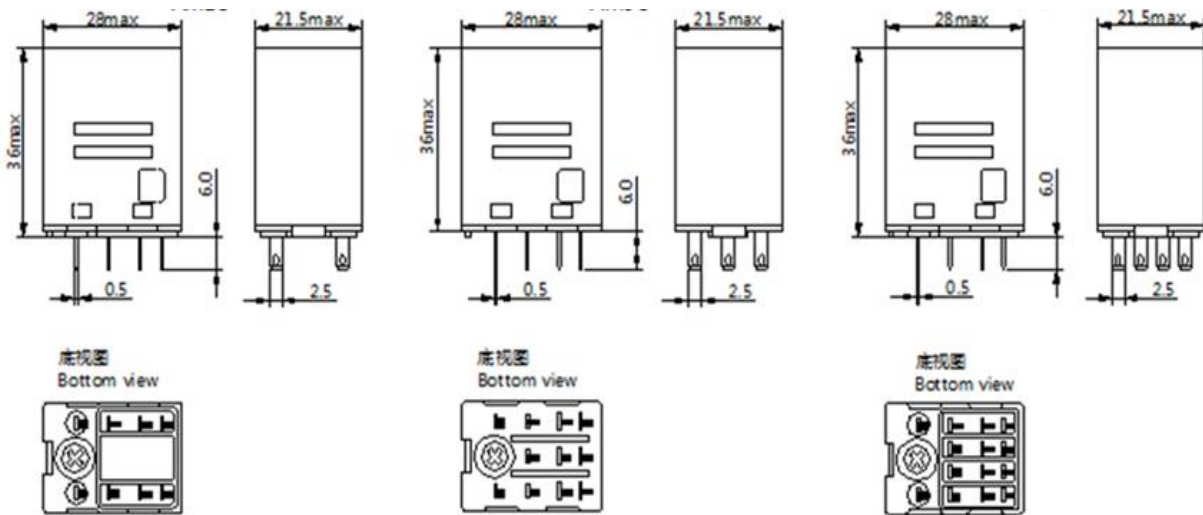
## >Coil rating (temperature + 23°C)

Rated Voltage (V)		Must Operate (V)	Must Release (V)	Max (V)	Coil Resistance(Ω)±10%
DC	6VDC	≤75%	≥10%	110%	40
	12VDC				160
	24VDC				650
	48VDC				2600
	110VDC				11000
AC	6VAC	≤80%	≥30%		9.5
	12VAC				46
	24VAC				180
	48VAC				770
	110VAC				3830
	120VAC				4430
	220VAC/230VAC			15000	
240VAC	15700				

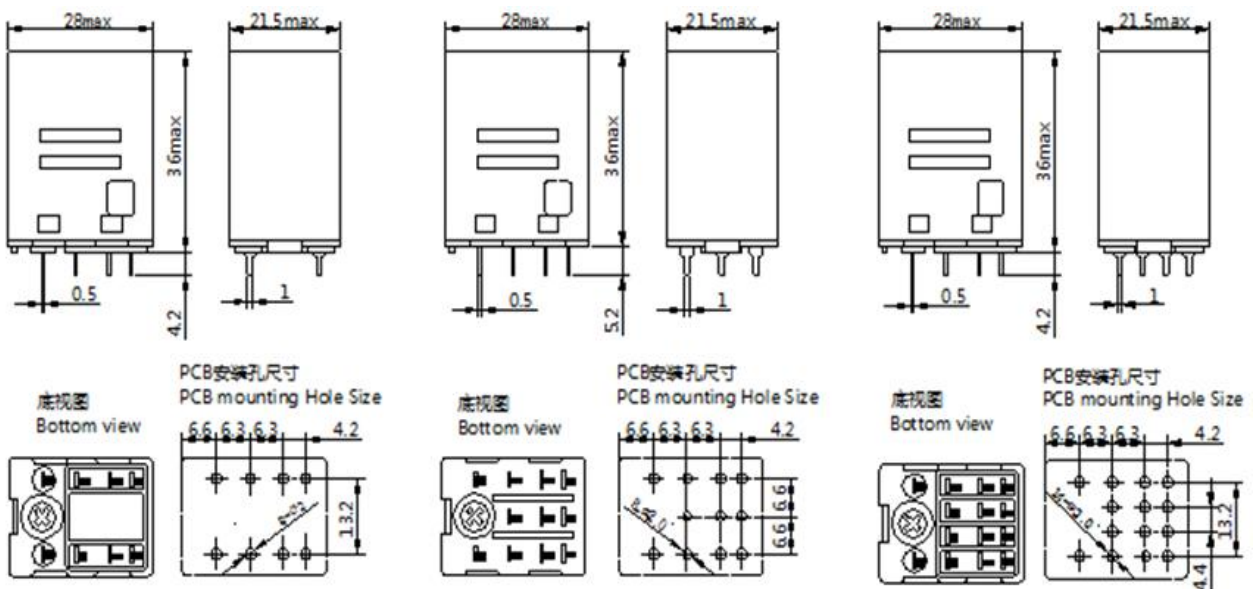
Note: The maximum voltage is the maximum that the relay can withstand in a short period of time.

## >Dimension (mm)

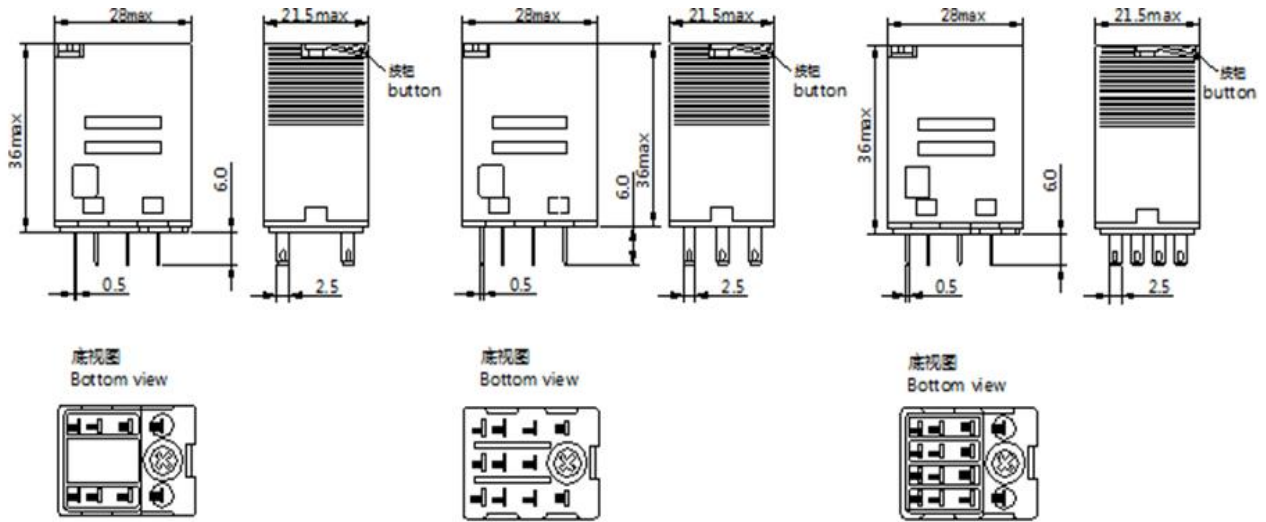
标准型(s)  
Standard type



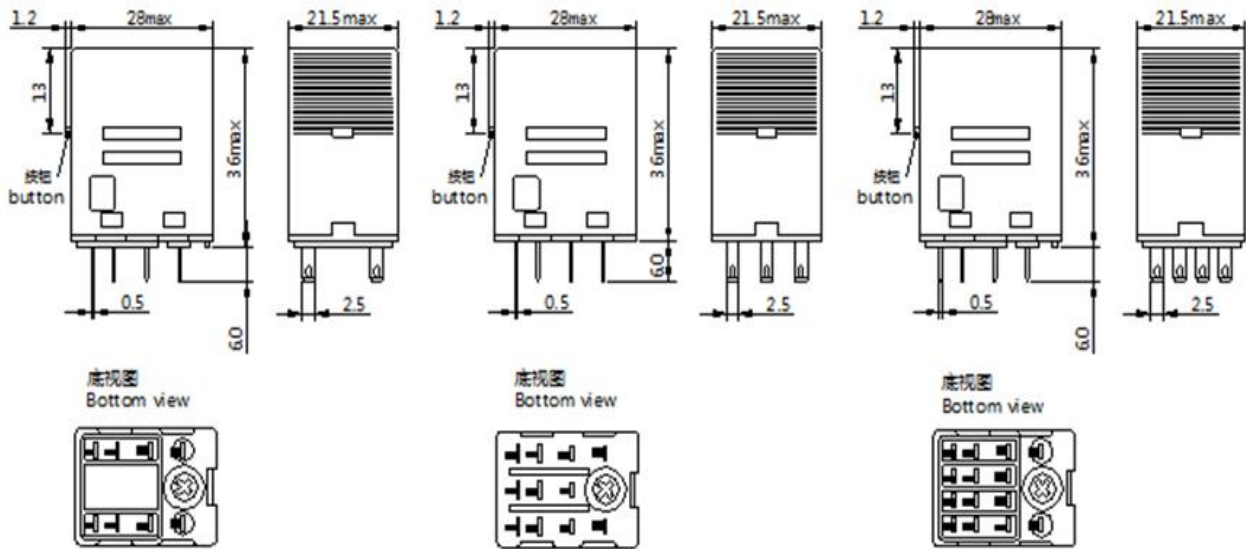
引出端形式:印制电路板式(P)  
Terminal form : PCB(P)

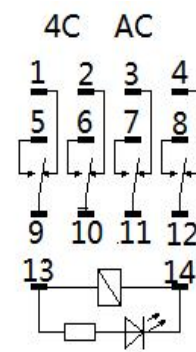
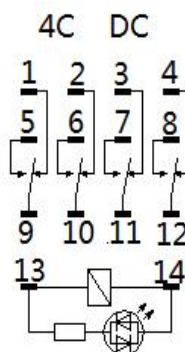
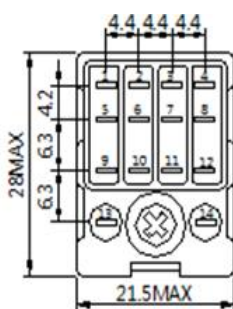
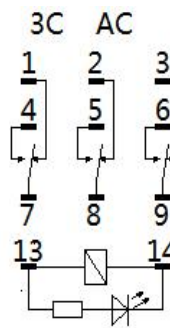
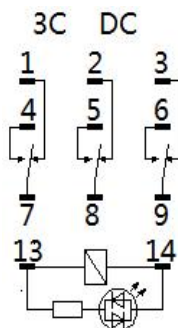
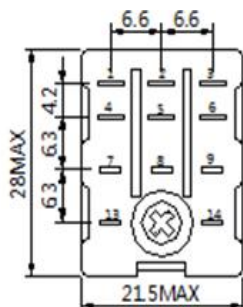
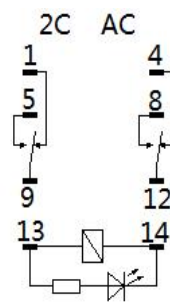
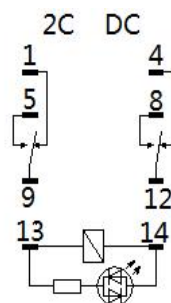
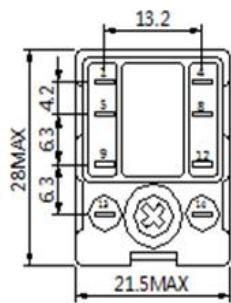


有自锁功能的旋转按钮(M4)  
Lock down rotary button(M4)









带手动测试按钮(M)  
Manual test button(M)





>>>socket (相关参数见BMY5插座说明)

					
PYF08A/B	PYF14A/B	PYF08AE/AF	PYF14AE/AF	BYF08DN	BYF14DN