

# >>>General Purpose Relay(BMY5)



BMY-4C



BMY-2C



## Main Feature

- >contact rating:5A
- >various contact form: (2C)DPDT/ (4C)4PDT
- >stander clear cover
- >LED indicator : shows coil ON/OFF status
- >plug in or PCB mounted terminal can be chosed

## 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							
Coil voltage A: AC D: DC (AC: 6V~240V DC: 6V~110V )							

## >Characteristic

type	2C		4C
	load	resistive	5A@30VDC/120VAC/240VAC
	motor	1/10hp @ 120VAC	
contact	switching power	150W,1200VA	
	switching current	5A	
	resistance	≤50mΩ	
	material	AgNi 银镍	
	electrical life	10,000 ops	
	mechanical life	1000,0000 ops	
	must operate voltage ( 23°C )	DC:≤75%, AC: ≤80% 50/60HZ	
must release voltage ( 23°C )	DC:≥10%, AC: ≥30% 50/60HZ		
max voltage ( 23°C )	110%		
Insulation resistance	≤100MΩ@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°C~+50°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		

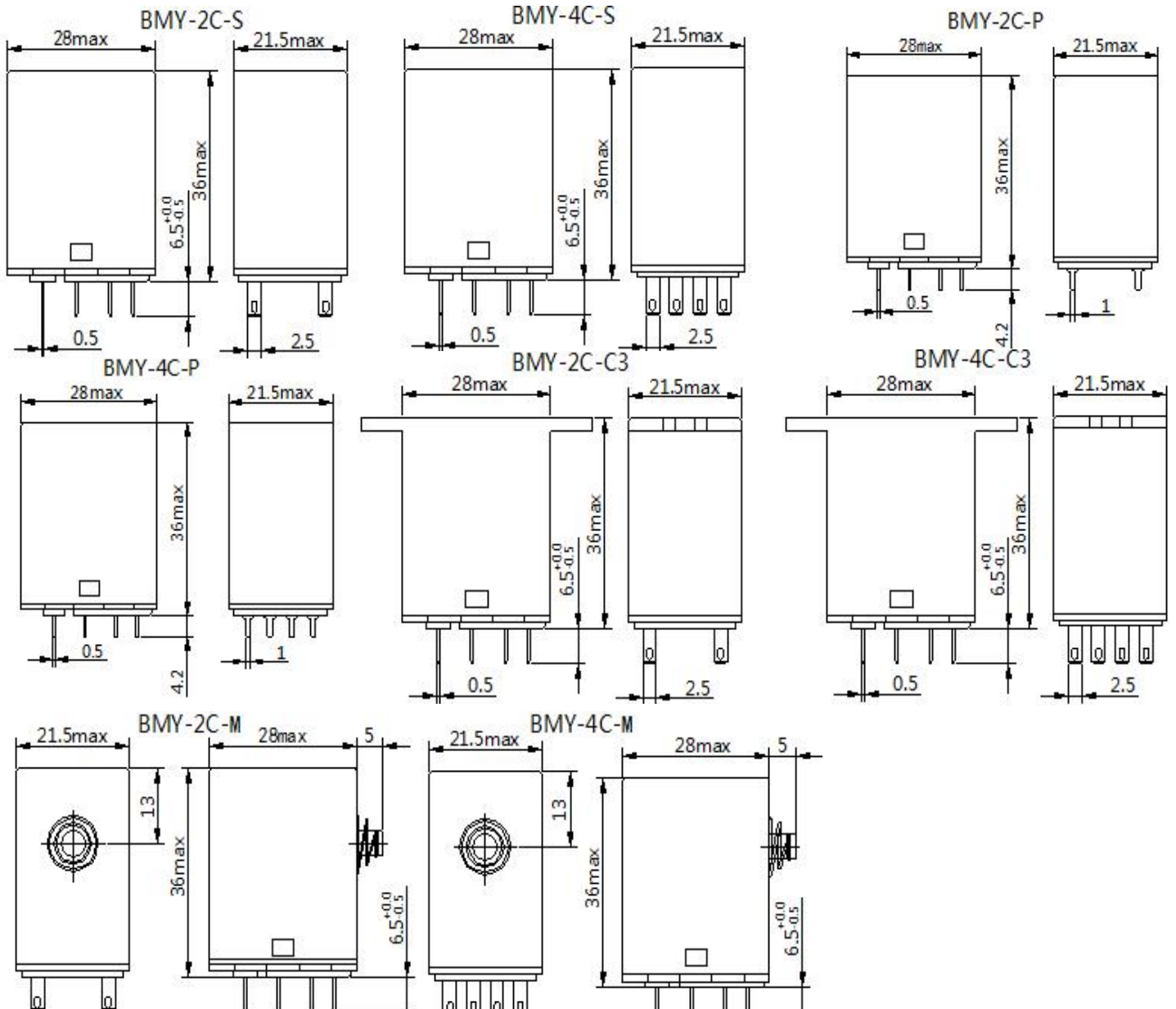
terminal types	plug in style or PCB mounted terminal
dimension	27.4mm×21mm×35.7mm
weight	about 32g

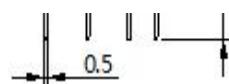
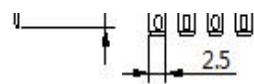
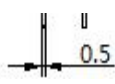
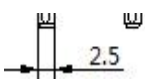
### >Coil rating (temperature + 23°C)

	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.

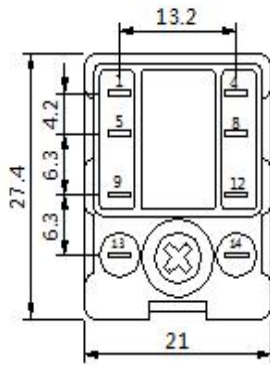
### >Dimension (mm)



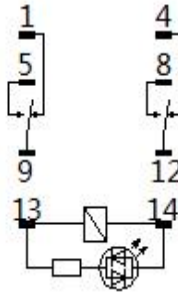


>Wire diagram

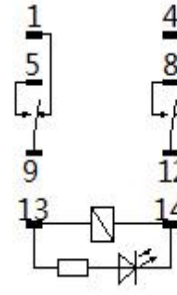
BMY5-2C



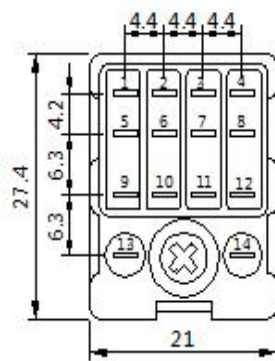
2C DC



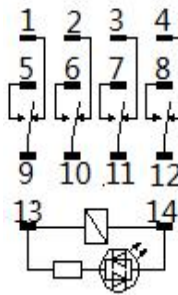
2C AC



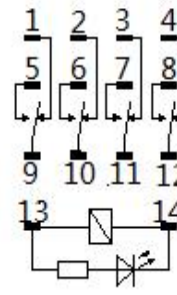
BMY5-4C









4C DC



4C AC



>>>socket (相关参数见BMY5插座说明)

					
PYF-08A/B	PYF-14A/B	PYF-08AE/AF	PYF-14AE/AF	BYF-08DN	BYF-14DN