
**特点 Features:**

- 触点容量: 100A触点切换能力  
Contact switching capability: 100A.
- 可长期可靠工作在电容补偿电路中  
Reliable in power compensation circuit for a long time.
- 环保节能(符合RoHS)

**触点参数 CONTACT DATA**

型号	Model	YC602
触点形式	Contact Arrangement	1A、1B
接触电阻	Contact Resistance	0.8mΩ Max.
触点材料	Contact Material	银合金 Silver Alloy
额定负载(阻性)	Contact Rating ( Res.Load )	100A 250VAC
最大切换电流	Max. Switching Current	100A
最大切换电压	Max. Switching Voltage	440VAC/110VDC
最大切换功率	Max. Switching Power	25000VA
机械寿命	Mechanical endurance	1x10 <sup>5</sup> 次 OPS
电气寿命	Electrical endurance	5x10 <sup>4</sup> 次 OPS

**性能参数 CHARACTERISTICS**

吸合时间(额定电压下)	Set Time ( at nomi.volt. )	20ms Max.
复归时间(额定电压下)	ResetTime ( without diode )	20ms Max.
绝缘电阻	Insulation Resistance	Min.1000Mohms ( 500VDC )
介质耐压	Dielectric Strength	触点与触点间 Between Open Contacts : 1,800VAC, 50/60Hz 1 min.
		触点与线圈间 Between Coil & Contacts: 4,000VAC, 50/60Hz 1 min.
抗振性	Vibration resistance	误动作 Functional: 10~55Hz 双振幅 1.5mm ( DA )
		耐久 Destructive: 10~55Hz 双振幅 1.5mm ( DA )
抗冲击	Shock resistance	误动作 Functional: 10G Min.
		耐久 Destructive: 100G Min.
环境温度	Ambient Temperature	-40°C~+85°C (不冷凝 No condensation)
重量	Unit Weight	约 Approx. 63g

**线圈参数 COIL DATA (at 23°C)**

额定电压 Rated voltage (VDC)	额定电流 Rated current ±10%(mA)	线圈电阻 Coil resistance ±10%(Ω)	脉冲宽度 Pulse duration ms (Min.)	吸合电压 Operate voltage VDC (Max.)	线圈类型 Coil type :
6	462	13	50ms	额定电压的 of rated voltage 70 %	单线圈 Single coil
9	300	30			
12	235	51			
24	117	206			
6	429	2*7	50ms	额定电压的 of rated voltage 70 %	双线圈 Dual coil
9	281	2*16			
12	231	2*26			
24	117	2*103			

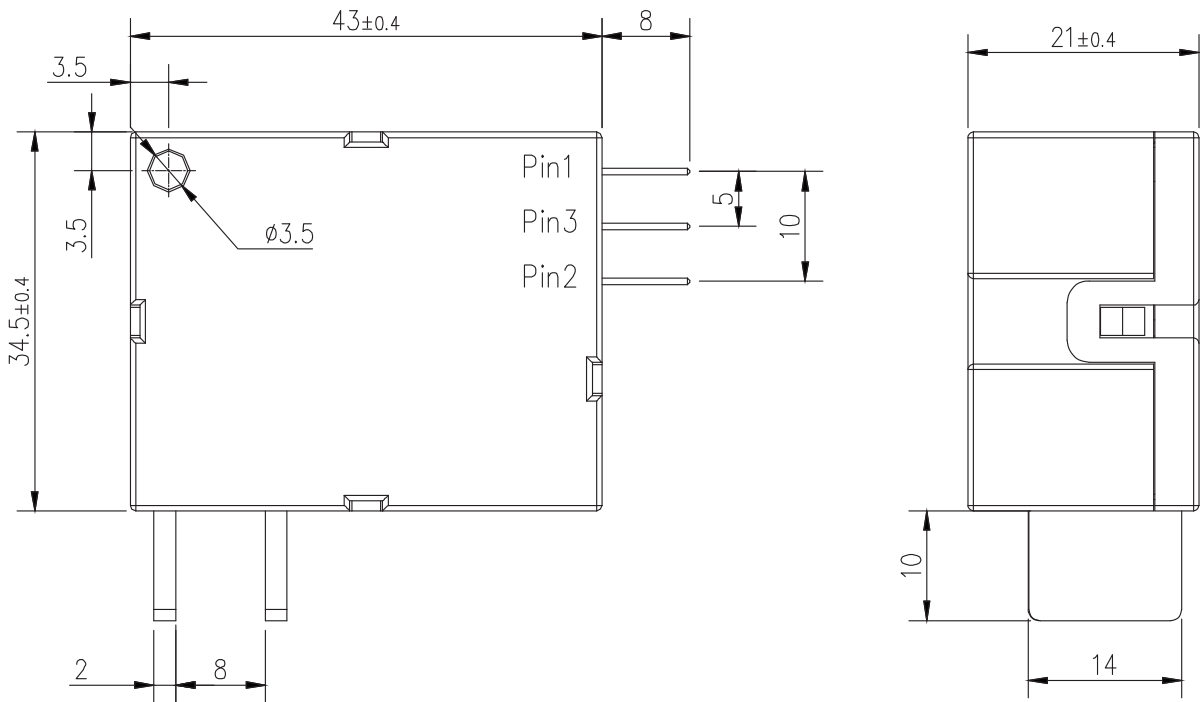
## 订货标记示例 ORDERING INFORMATION

YC602	-100A	-1	12	D	M	1		
							线圈类型 Coil type :	1-单线圈 Single coil 2-双线圈 Dual coil
							触点形式 Contact form :	M-常开, B-常闭 M-Form A, B-Form B
							线圈功耗 Coil power :	D-标准功耗 D-Standard power consumption
							线圈规格 Coil voltage :	06,09,12,24,48 (VDC)
							触点组数 Number of poles :	1-1组 1-1 Group
							额定电流 Rated current :	100A - 100A
							基本型号 Type designation :	YC602

## 安装尺寸和接线图 (单位: mm)

## Installation Size And WIRING DIAGRAM (Unit: mm)

### 安装尺寸 Installation Size



### 注 Remark :

#### 1. 未标注尺寸公差

Unmarked dimensional tolerance

- $\leq 1$ mm:  $\pm 0.2$ mm ;
- (1~5)mm:  $\pm 0.3$ mm ;
- $\geq 5$ mm:  $\pm 0.4$ mm.

#### 2. 安装孔尺寸公差: $\pm 0.1$ mm.

The tolerance of PCB layout is always:  $\pm 0.1$ mm.

#### 3. 引出脚尺寸为预焊前尺寸.

Extended terminal dimension is dimension before soldering.

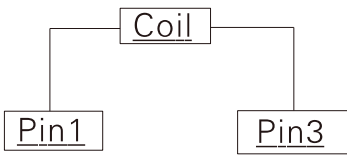
## 接线图 WIRING DIAGRAM

### 单线圈 SINGLE COIL

### 双线圈 DUAL COIL

Positive polarity

正极性



+ve release -ve

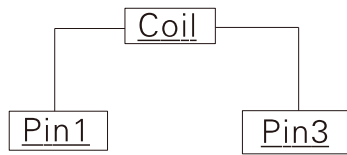
释放

-ve operate +ve

吸合

Negative polarity

反极性



-ve release +ve

释放

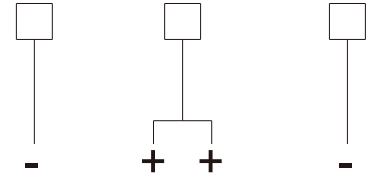
+ve operate -ve

吸合

Pin1

Pin2

Pin3



operate

吸合

release

释放

## 典型外形图 TYPICAL TYPE

