


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 ⁵ 次 OPS
电气寿命	Electrical endurance	5x10 ⁴ 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			

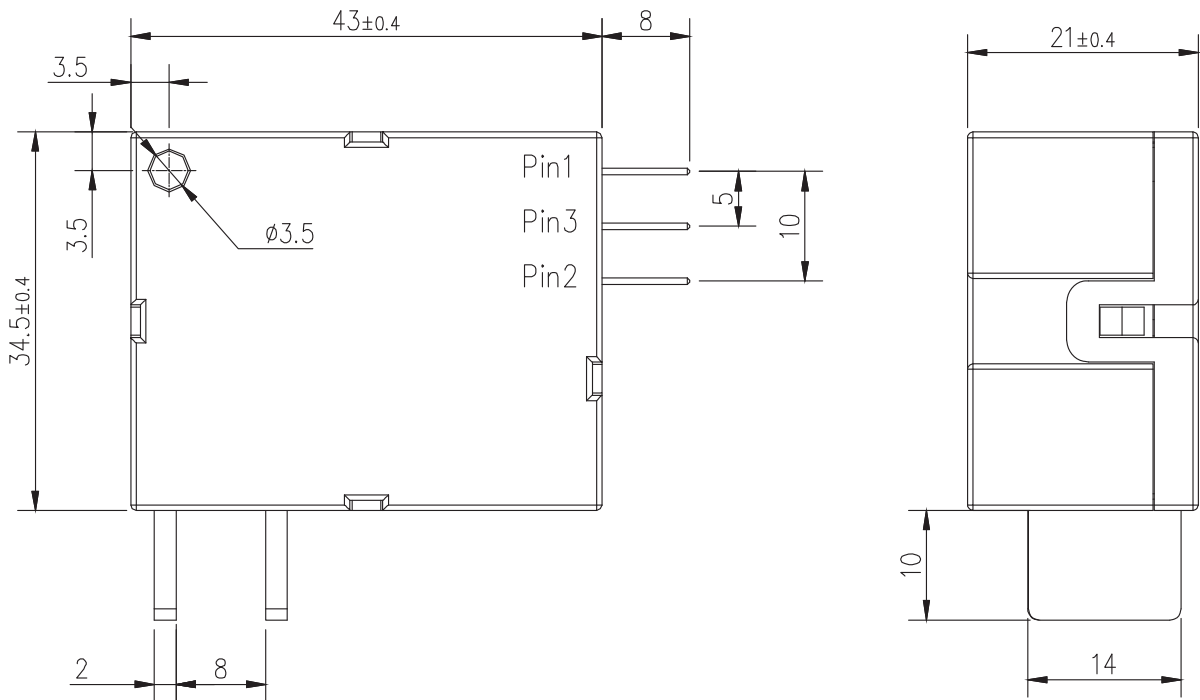
订货标记示例 ORDERING INFORMATION

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

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

2. 安装孔尺寸公差: $\pm 0.1\text{mm}$.

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

3. 引出脚尺寸为预焊前尺寸.

Extended terminal dimension is dimension before soldering.

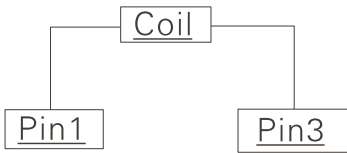
接线图
WIRING DIAGRAM

单线圈 SINGLE COIL

双线圈 DUAL COIL

Positive polarity

正极性



+ve release -ve

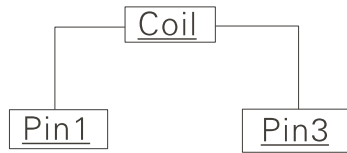
释放

-ve operate +ve

吸合

Negative polarity

反极性



-ve release +ve

释放

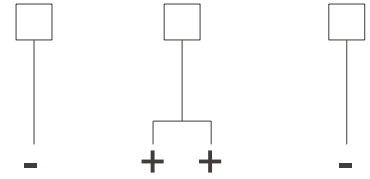
+ve operate -ve

吸合

Pin1

Pin2

Pin3



operate

吸合

release

释放

典型外形图
TYPICAL TYPE

