

特点 Features:

- 触点容量: 10A触点切换能力
Contact switching capability: 10A.
- 超小型低功率磁保持继电器
Subminiature low power latching relay.
- 标准印制板引出脚 Standard PCB layout terminals

触点参数 CONTACT DATA

型 号	Model	YC605
触点形式	Contact Arrangement	1A 、 1C
接触电阻	Contact Resistance	100mΩ Max.
触点材料	Contact Material	银合金 Silver Alloy
额定负载(阻性)	Contact Rating (Res.Load)	10A 250VAC/30VDC
最大切换电流	Max. Switching Current	15A
最大切换电压	Max. Switching Voltage	277VAC/30VDC
最大切换功率	Max. Switching Power	2500VA/300W
机械寿命	Mechanical endurance	1x10 ⁷ 次 OPS
电气寿命	Electrical endurance	1x10 ⁵ 次 OPS

性能参数 CHARACTERISTICS

吸合时间(额定电压下)	Set Time (at nomi.volt.)	5ms Max.
复归时间(额定电压下)	ResetTime (without diode)	5ms Max.
绝缘电阻	Insulation Resistance	100MΩ Min.(500VDC)
介质耐压	Dielectric Strength	触点与触点间 Between Open Contacts : 1,000VAC, 50/60Hz 1 min.
		触点与线圈间 Between Coil & Contacts: 1,500VAC, 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~+105°C (不冷凝 No condensation)
重 量	Unit Weight	约 Approx. 10g

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.)	复位电压 Release voltage VDC (Max.)	额定功率 Rated coil power (W)
5	71.5	70	50ms	额定电压的 of rated voltage 75 %	额定电压的 of rated voltage 75 %	约 approx. 0.36 (单线圈 single coil)
9	40.0	225				
12	30.0	400				
18	20.0	900				
24	15.0	1,600				
48	7.5	6,400	50ms	额定电压的 of rated voltage 75 %	额定电压的 of rated voltage 75 %	约 approx. 0.6 (双线圈 dual coil)
5	120.0	42				
9	66.7	135				
12	50.0	240				
18	33.3	540				
24	25.0	960				
48	12.5	3,840				

订货标记示例 ORDERING INFORMATION

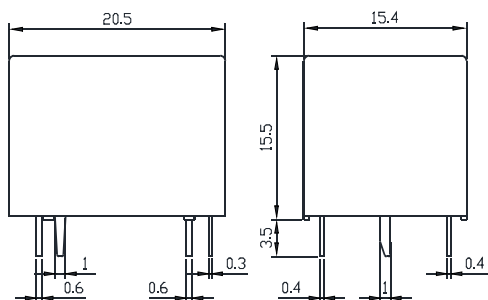
YC605	-S	-1	12	L1	M	
						触点形式 Contact form : 无-转换, M-常开, B-常闭 Nil-Form C, M-Form A, B-Form B
						线圈类型 Coil type : L1-单线圈 Single coil 0.36W; L2-双线圈 Dual coil 0.6W.
						线圈规格 Coil voltage : 03,05,06,09,12,15,18,24,36,48 (VDC)
						触点组数 Number of poles : 1-1组 1-1 Group
						封装形式 Protective construction : S-塑封式, SH-防水式 S-Flux proofed, SH-Sealed type
						基本型号 Type designation : YC605

外形尺寸、接线图、安装孔位图 (单位: mm)

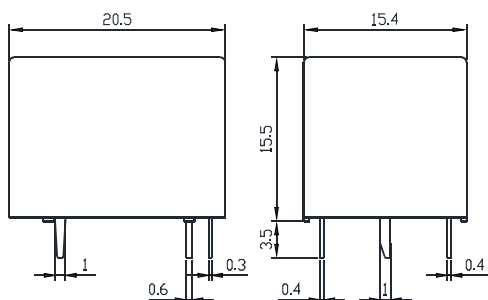
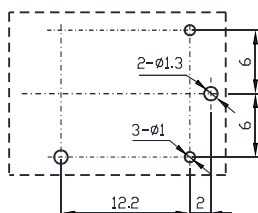
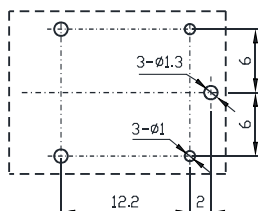
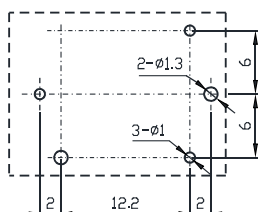
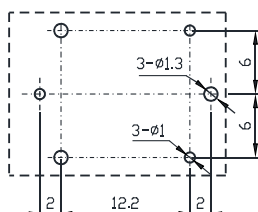
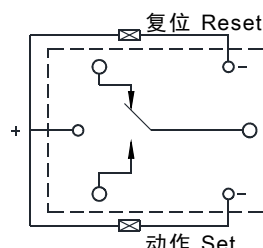
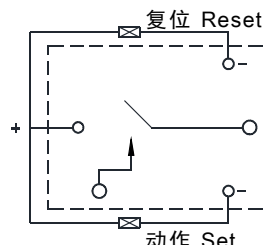
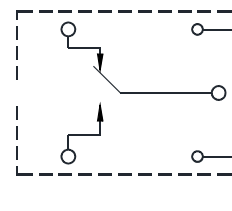
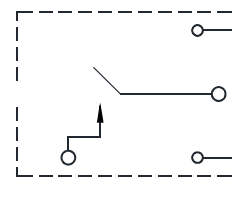
OUTLINE DIMENSIONS, WIRING DIAGRAM AND PCB LAYOUT (Unit: mm)

外形尺寸
Outline Dimensions

双线圈 Dual coil



单线圈 Single coil

安装孔位图 (底视图)
PCB Layout (Bottom View)接线图 (底视图)
Wiring Diagram (Bottom View)转换型
1 Form C常开型
1 Form A转换型
1 Form C常开型
1 Form A

注 Remark :

1. 未标注尺寸公差

Unmarked dimensional tolerance

≤1mm: ±0.2mm ;
(1~5)mm: ±0.3mm ;
≥5mm: ±0.4mm.

2. 安装孔尺寸公差: ±0.1mm.

The tolerance of PCB layout is always: ±0.1mm.

3. 引出脚尺寸为预焊前尺寸.

Extended terminal dimension is dimension before soldering.