

特性 Features

- 最大10A 2组 6.5A 3组负载切换能力 Max. 10A 3 poles 6.5A 2 poles switching capability
- 标准插座式引出脚 Standard socket type outlet pin
- 可提供满足IEC60335-1标准产品 Comply IEC60335-1 available
- 环保产品(符合RoHS标准) Environmental friendly product (RoHS compliant)
- 满足插座配套使用 Socket available

典型应用 Application

- 工业控制/自动化控制/配电柜等。 Industrial control/automation control/distribution cabinet, etc.



触点参数 Contact Data

触点形式 Contact Arrangement	2A/2B/2C	3A/3B/3C	4A/4B/4C
触点额定 Contact Rating	10A/6.5A 240VAC/28VDC	6.5A 240VAC/28VDC	5A 240VAC/28VDC
最大切换电压 Max. Switching Voltage	240VAC/28VDC		
最大切换电流 Max. Switching Current	10A/6.5A	6.5A	5A
触点材质 Contact Material	银合金 Ag alloy		
接触电阻 Contact Resistance	Max.100mΩ (1A 5VDC)		
动作/释放时间 Operate Time/Release Time	≤20ms/≤20ms		
最小切换负载 Min. switching load	10mA 5V		
电耐久性 Electrical Endurance	R-load(阻性负载) , 10*10 ⁴ ops		
机械耐久性 Mechanical Endurance	1*10 ⁷ ops. on:off=1s:1s		
最大切换功率 Max. Switching Power	2400VA/280W 1560VA/182W	1560VA/182W	1200VA/140W

线圈参数 Coil Data (直流DC)

线圈电压范围 Coil Voltage Range	6~220 VDC
容许最大电压 Max. Continuous	额定电压的130% 130% of Rated Voltage
额定线圈功率 Coil Rating Power	约Approx. 0.9W

线圈参数 Coil Data (交流AC)

线圈电压范围 Coil Voltage Range	6~380 VAC
容许最大电压 Max. Continuous	额定电压的120% 120% of Rated Voltage
额定线圈功率 Coil Rating Power	约Approx. 1.2VA (AC220V:0.94VA)

注:

- a) 所有数值均为在环境温度+23°C下未预通电的线圈 All the performance data are for coils that are not pre energized at 23°C ambient temperature.

性能参数 Characteristics

绝缘电阻 Insulation Resistance		1000MΩ Min (at 500VDC)
介质耐压 Dielectric Strength	断开触点间 Between Open Contacts	1000Vrms 1min
	触点组间 Between Contact sets	1000Vrms 1min
	线圈与触点间 Between Coil and Contact	1500Vrms 1min
温度范围 Temperature Range		-40~+85°C
湿度 Ambient Operating Humidity		5%~85%RH
振动 Vibration Resistance		频率 10Hz-55Hz, 双振幅 1mm 10Hz-55Hz, at double amplitude 1mm
冲击 Shock	稳定性 Functional	10G
	强度 Destructive	100G
重量 Weight		Approx.35g

线圈规格 Coil Voltage Specifications(直流DC)

额定电压 Nominal Coil VDC	动作电压 Must Operate VDC	释放电压 Release Coil VDC	线圈电阻 Coil Resistance Ω(±10%)
6	4.5	0.60	40
12	9.0	1.20	160
24	18.0	2.40	640
48	36.0	4.80	2560
110	82.5	11.0	13400
220	165	22.0	53777

线圈规格 Coil Voltage Specifications (交流AC)

额定电压 Nominal Coil VAC	动作电压 Must Operate VAC	释放电压 Release Coil VAC	线圈电阻 Coil Resistance Ω(±10%)
6	4.8	1.80	10.2
12	9.6	3.60	42.0
24	19.2	7.20	168
48	38.4	14.4	672
110	88.0	33.0	3529
220	176	66.0	18021
380	304	114.0	42116

注:

- a) 以上值为初始值 All the performance data are initial values.
- b) 线圈电阻是在线圈温度23°C, 公差为±10% Coil resistance is tested at 23°C ambient temperature, ±10% tolerance.

型号命名标准 Model Number Legend

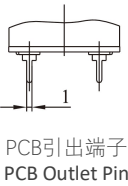
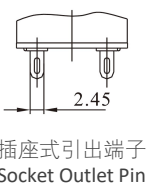
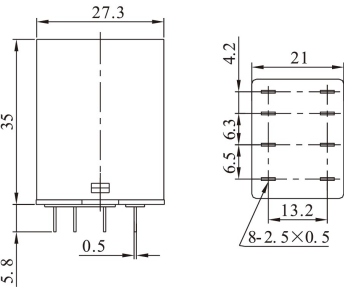
	ST18	-5	-2C	-24D	L	G	F	,XXX
基本型号 Basic Type:	ST18							
触点负载 Contact Rating:	5: 5A(4组 4 poles); 6.5: 6.5A (2组 2 poles)							
触点结构 Contact Arrangement:	2C: 2组转换 2 Form C; 3C: 3组转换 3 Form C; 4C: 4组转换 4 Form C							
线圈电压 Coil Voltage:	12D: 6, 12, 24, 48, 110, 220VDC 24A: 6, 12, 24, 48, 110, 220, 380VAC							
指示功能 Indicative Feature:	Blank:不带灯 Without Lamp; L: 带灯 With Lamp; LB: 带灯带按钮 With Lamp and Test Button							
触点镀金 Contact Plating:	Blank: 无镀层 No Plating; G: 表面镀金 Gold Plating							
绝缘等级 insulation Class:	F: F级 Class F							
特殊特性 Special Characteristic:	P: PCB引脚 PCB Terminal; XXX: 客户特殊特性号 Customer Special Feature Number							

外形尺寸、PCB 布局、接线图 Outline Dimensions, PCB Layout, Wiring Diagram (mm)

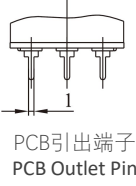
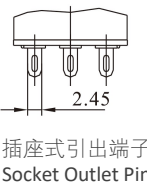
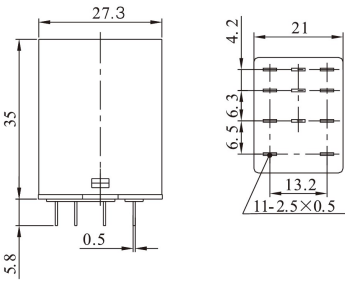
外形尺寸 Outline Dimensions

普通品外形尺寸 Normal Type Outline Dimensions

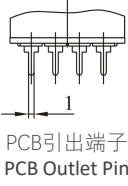
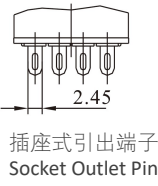
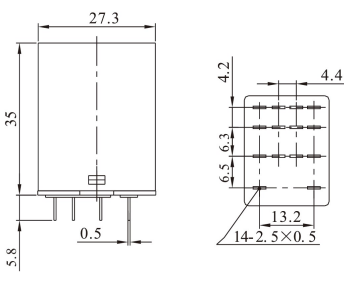
2组 2 Poles



3组 3 Poles

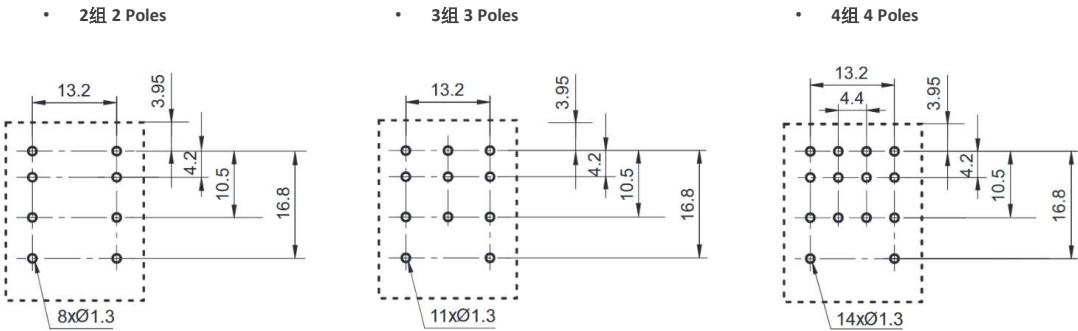


4组 4 Poles



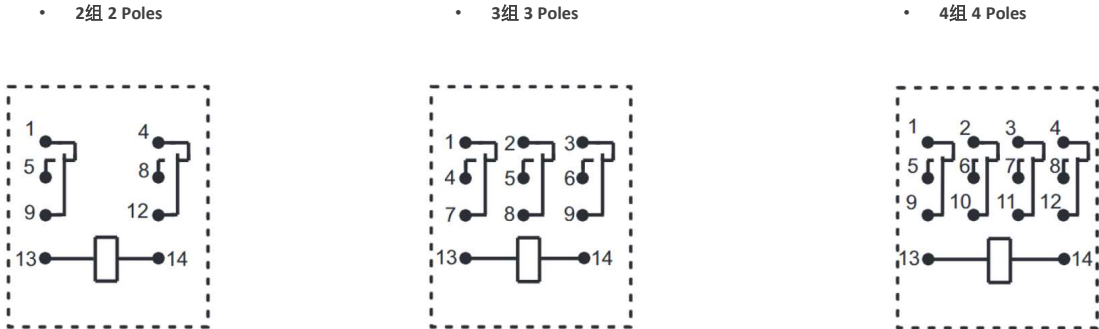
外形尺寸、PCB 布局、接线图 Outline Dimensions, PCB Layout, Wiring Diagram (mm)

安装孔尺寸（底视） Mounting instruction（Bottom view）

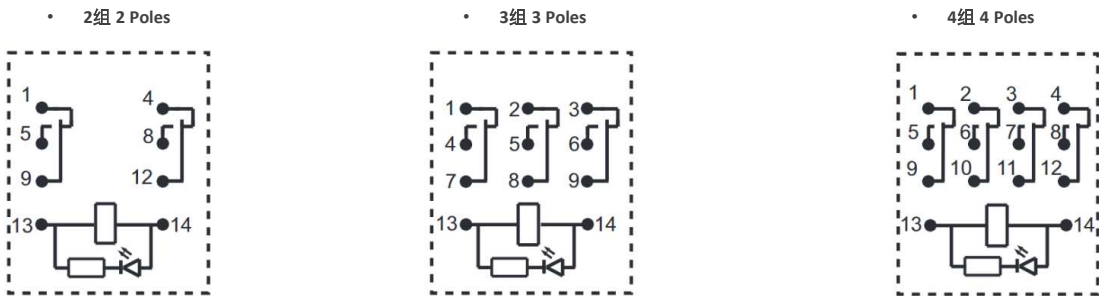


接线图 Wiring Diagram Bottom View

不带灯 Without Lamp



带灯 With Lamp



注 Note:

未注尺寸公差 Unspecified tolerance : <1mm: ±0.2 mm, 1~5 mm: ±0.3mm, >5mm: ±0.5mm ;

安装孔尺寸中未注尺寸公差为± 0.1 mm PC board layout dimensions hadn't specified tolerance is ±0.1mm.

免责声明:

本说明书仅供参考。

有关更多信息，请参阅“术语和指南”。规格如有更改，恕不另行通知。我们无法评估每个可能应用的所有性能和所有参数。因此，用户应该在一个正确的位置选择适合自己的产品。如有任何疑问或者需要技术服务，请联系STEIPU。

Disclaimer:

This manual is for reference only. For more information, see Terms and Guidelines. Specifications are subject to change without notice. We cannot evaluate all performance and all parameters for every possible application. Therefore, users should choose the right product for them in the right place. If you have any questions or need technical services, please contact STEIPU.