

YL275

特点 PRODUCT FEATURES

- 高达16A触点切换能力
- 塑封型和防焊剂型可供选择
- 线圈与触点间介质耐压5kV

典型应用 TYPICAL APPLICATIONS

- 智能控制, 智能插座, 智能家居
- 家用电器
- 工业控制



触点负载 CONTACT DATA

型号 Model	YL275	
额定负载(阻性) Rated load	1组: 12A/16A 250VAC	2组: 8A 250VAC
最大切换电流 Max.Switching Current	12A/16A	8A
最大切换电压 Max.Switching Voltage	250VAC	250VAC
最大切换功率 Max.Switching Power	4000VA/3000VA	2000VA

性能参数 GENERAL DATA

触点材料 Contact material	Silver Alloy	
接触电阻 Contact resistance	100mΩ Max.	
吸合时间 Operate Time	15msec. Max.	
释放时间 Release time	5msec. Max.	
绝缘电阻 Insulation resistance	100MΩ Min.(DC500V)	
介质耐压 Dielectric strength	触点与触点间 Between open contacts	1000VAC 50/60Hz 1min
	触点与线圈间 Between coil & contacts	5000VAC 50/60Hz 1min
抗振动 Humidity	稳定性 Functional	10~55Hz, 双振幅 1.5 mm
	强度 Destructive	10~55Hz, 双振幅 1.5 mm
抗冲击 Shock Resistance	稳定性 Functional	10G Min.
	强度 Destructive	100G Min.
寿命 Life	机械寿命 Mechanical Life	10,000,000 次 (10,800次/小时)
	电气寿命 Electrical Life	100,000 次(600次/小时)
环境温度 Temperature Range	-40°C~+85°C	
重量 Weight	约13.5g	
安规认证 Safety Standard	CEC	

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线圈参数 (at 20°C) COIL DATE

额定电压 Nominal Voltage (VDC)	线圈阻值 Coil Resistance at 20°C ±10%(Ω)	最大吸合电压 Max. Operate Voltage (VDC)	最小释放电压 Min. Release Voltage (VDC)	最大过载电压 Max. Applicable Voltage (VDC)
	0.40W			
5	63	3.75	0.5	7.5
6	90	4.5	0.6	9
9	203	6.75	0.9	13.5
12	360	9	1.2	18
18	810	13.5	1.8	27
24	1440	18	2.4	36
48	5760	36	4.8	72
60	9000	45	6.0	90
110	30250	82.5	11.0	165

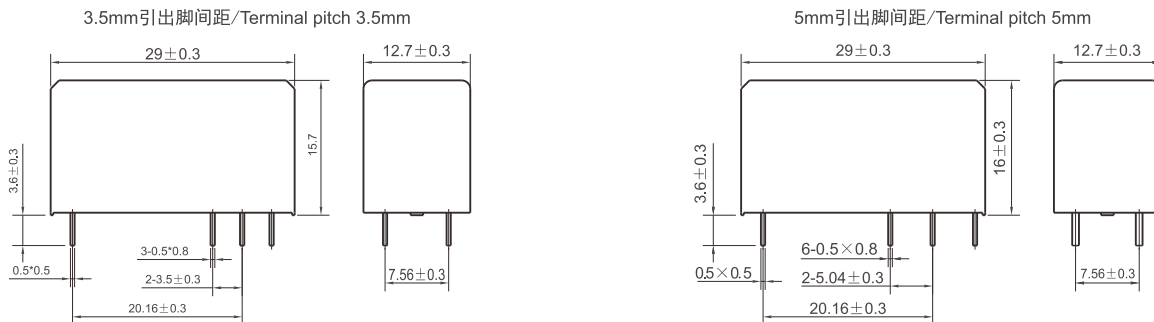
订货标记 ORDERING INFORMATION

YL275 -C -12VDC -2 -F -XX

产品型号 Type	YL275
触点转换形式 Contact Form	C:1FormC,B:1FormB,A:1FormA 2C:2Form2C,2B:2FormB,2A:2FormA
线圈电压 Coil Voltage	5V,6V,9V,12V,18V,24V,48V,60V,110V 5V,6V,9V,12V,18V,24V,48V,60V,110V
结构形式 Stucture Forms	1:3.5mm一组12A;2:5.0mm一组12A;3:5.0mm一组16A;4:5.0mm两组8A 1:3.5mm1Pole12A;2:5.0mm1Pole12A;3:5.0mm1Pole16A;4:5.0mm2Pole8A
封装形式 Package Form	无:塑封型, F:防焊剂型 NIL:Plastic Sealed;F:Fluk proofed
特殊参数或特殊要求 Special Parameters Or Special Requirements	

外形图、接线图、安装孔位图

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

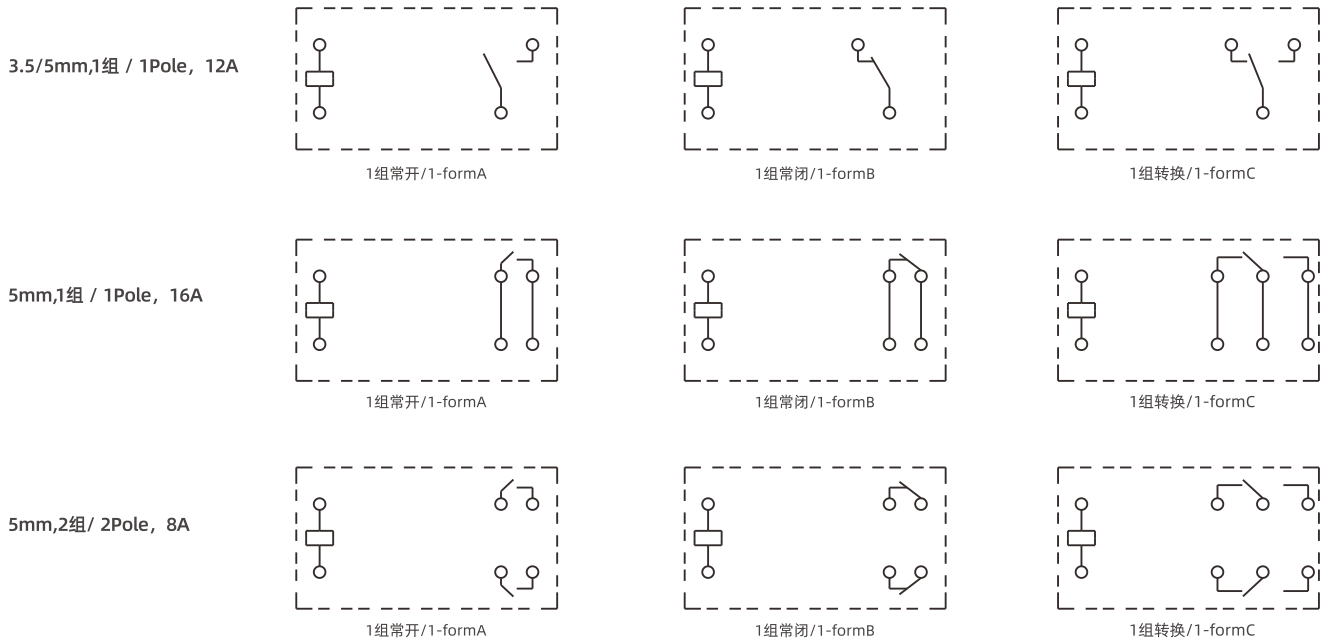


未标注尺寸公差 / Undimensioned tolerance: <1mm:±0.2mm 1~5mm:±0.3mm >5mm:±0.4mm

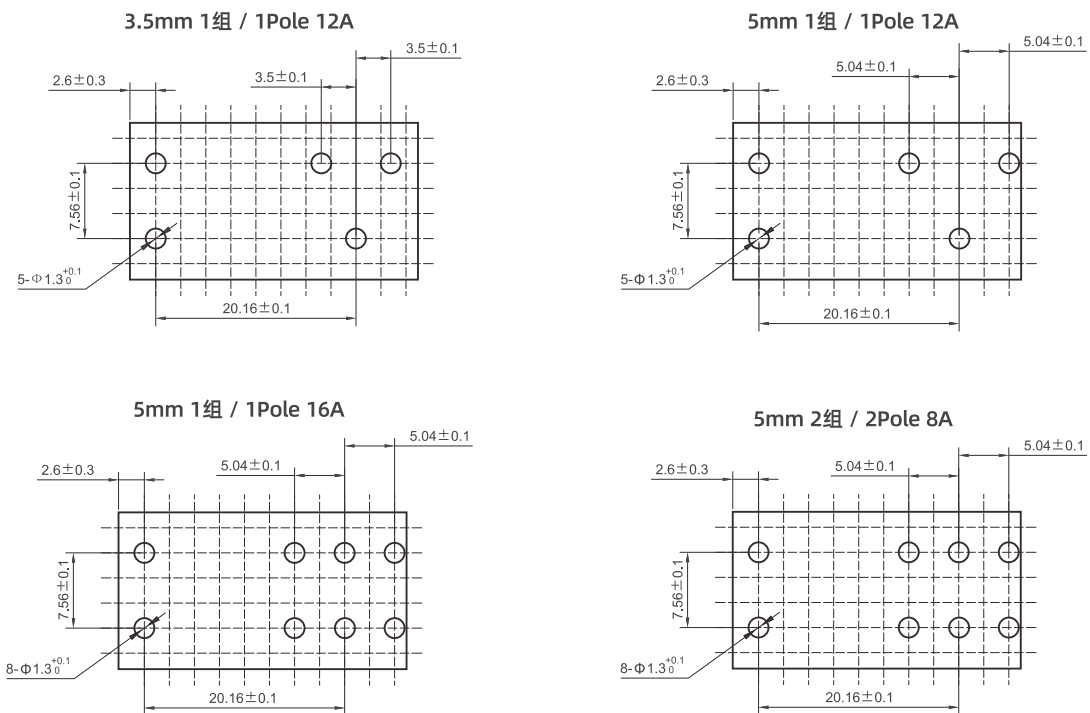
注: 1、引出脚尺寸为预焊前尺寸 2、安装孔尺寸公差: ±0.1mm
Note: 1.The size of the lead foot is pre welding dimension. 2. installation hole size tolerance:±0.1mm

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外形图、接线图、安装孔位图 OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT



接线图(底视图) Wiring diagram (bottom view)



安装孔尺寸(底视图) Mounting hole size (bottom view)

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性能曲线图 CHARACTERISTIC CURVES

