

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	1000MΩ 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℃~+105℃		
重量	Weight	约13.5g		
安规认证	Safety Standard	 		

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线圈参数 (at 20°C) COIL DATE

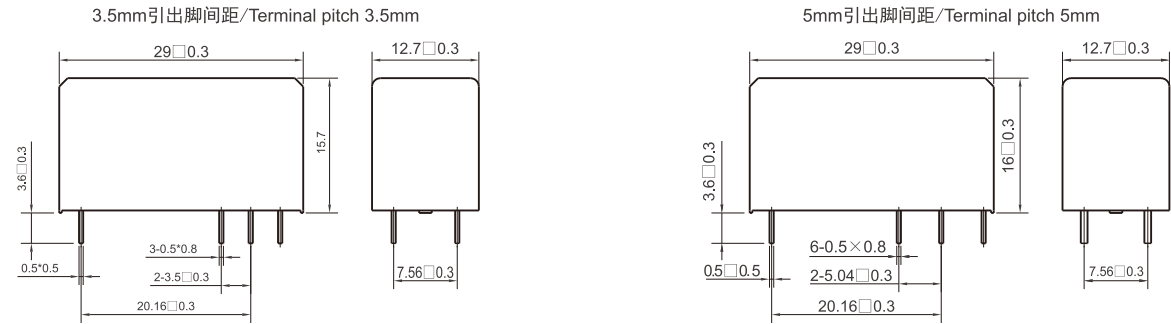
额定电压 Nominal Voltage (VDC)	线圈阻值 Coil Resistance at 20°C ±10%(Ω)	最大吸合电压 Max. Operate Voltage (VDC)	最小释放电压 Min. Release Voltage (VDC)	最大过载电压 Max. Applicable Voltage (VDC)
	0.40W			
5	63	3.75	0.5	7.5
6	90	4.5	0.6	9
9	203	6.75	0.9	13.5
12	360	9	1.2	18
18	810	13.5	1.8	27
24	1440	18	2.4	36
48	5760	36	4.8	72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

订货标记 ORDERING INFORMATION

YL275 -A -S -12VDC -D -F -1 -XX

产品系列 Product series	YL275
触点型式 Contact Type	A-一组常开, B-一组常闭, C-一组转换 2A-两组常开, 2B-两组常闭, 2C-两组转换 A-NORMAL OPEN (SPST NO), B-NORMAL CLOSE (SPST NC), C-CHANGE (SPDT) 2A-TWO SETS NORMAL OPEN (DPST NO), 2B-TWO SETS NORMAL CLOSE (DPST NC), 2C-TWO SETS OF CHANGE (DPDT)
密封型式 Seal Type	S-塑封型 (全密封); 无-防助焊剂型 (不封气孔) S-seal type (full seal), F-Flux-proof type (without sealing vent)
线圈电压 Coil Voltage	3VDC/5VDC/6VDC/9VDC/12VDC/18VDC/24VDC/48VDC
线圈功耗 Coil Power	D-0.53W; 无-0.4W; L-0.25W NONE-0.2W D-0.4W
绝缘等级 Insulation class	F-F级绝缘; 无-标准绝缘 F-F class, none - STANDARD
结构型式 Structure type	1-3.5mm一组12A; 2-5.0mm一组12A; 3-5.0mm一组16A; 4-5.0mm两组8A 1-3.5mm SET of 12A; 2-5.0mm set of 12A; 3-5.0mm set of 16A; Two groups of 8 a 4-5.0 mm
特殊参数或特殊要求, 客户识别号 Special parameters or special requirements, customer identification number	

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

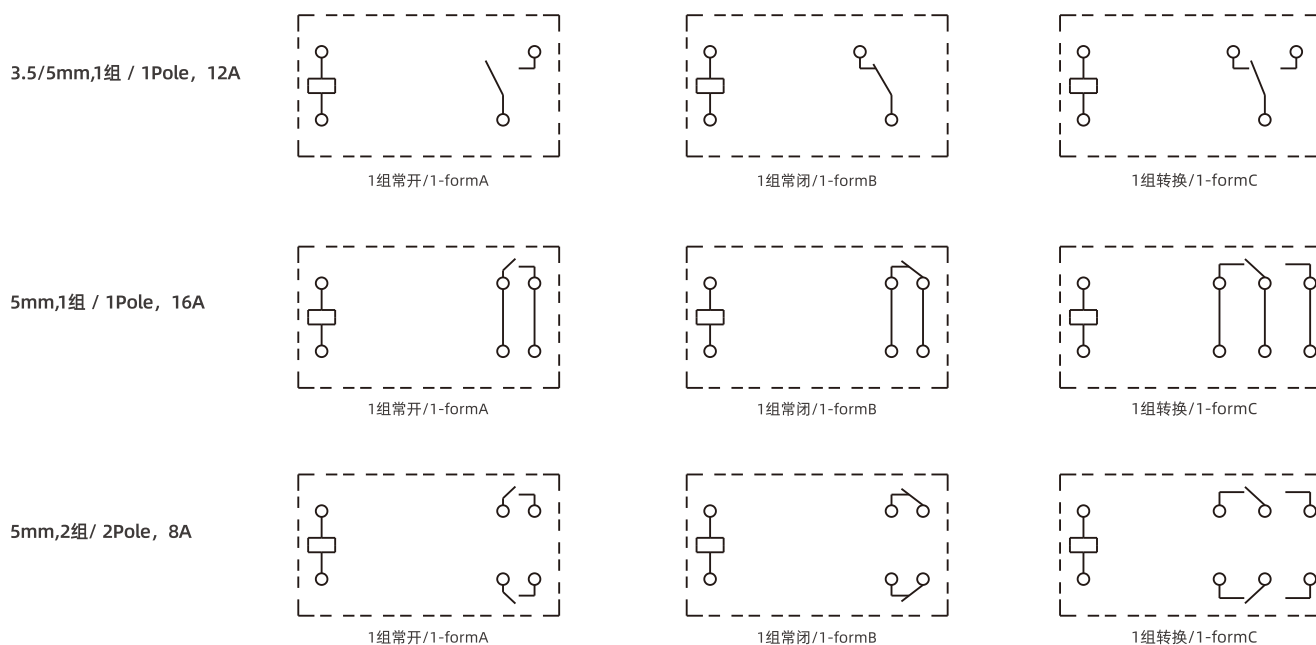


未标注尺寸公差 / Undimensioned tolerance: <1mm:±0.2mm 1~5mm:±0.3mm >5mm:±0.4mm
 注: 1、引出脚尺寸为预焊前尺寸 2、安装孔尺寸公差: ±0.1mm
 Note: 1.The size of the lead foot is pre welding dimension. 2. installation hole size tolerance:±0.1mm

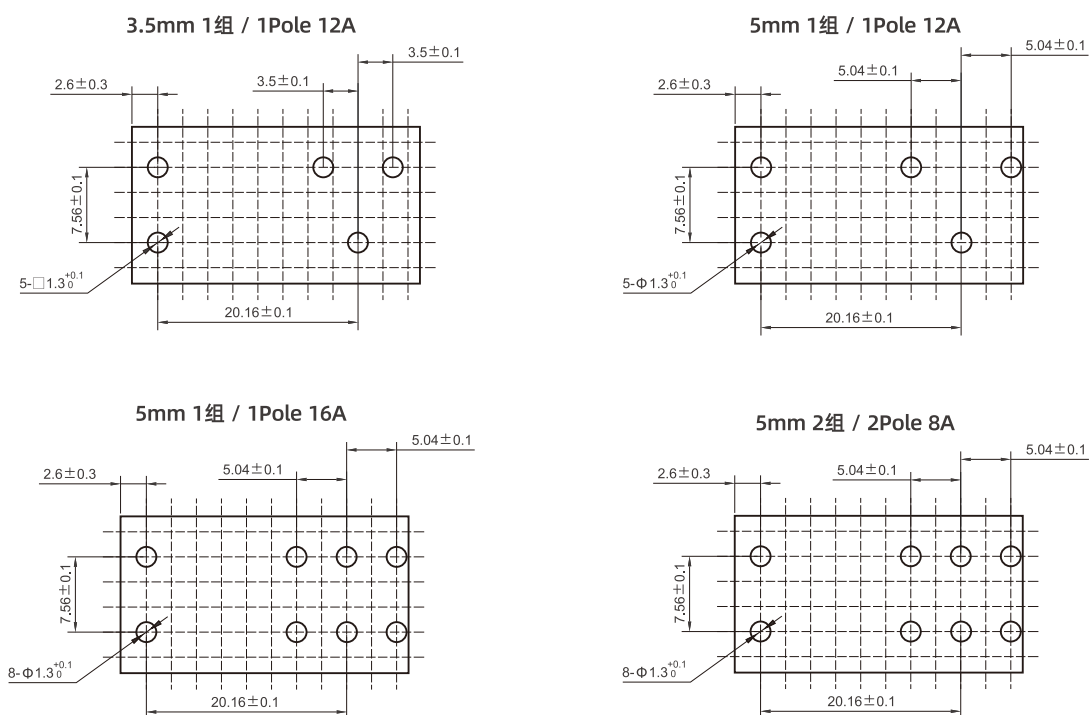
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外形图、接线图、安装孔位图

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

