

YL276

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
- 低高度,扁平式结构

典型应用 TYPICAL APPLICATIONS

- 办公自动设备
- 家用电器
- 智能家居产品,智能插座系列



触点负载 CONTACT DATA

型号	Model	YL276
额定负载(阻性) Rated load		16A 250VAC/30VDC 10A 250VAC/30VDC
最大切换电流 Max.Switching Current		16A
最大切换电压 Max.Switching Voltage		250VAC 30VDC
最大切换功率 Max.Switching Power		4000VA 480W

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	8msec. Max.		
释放时间 Release time	4msec. 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		2500VAC 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9.0g		
安规认证 Safety Standard	CCC		

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线圈参数 (at 20°C) COIL DATE

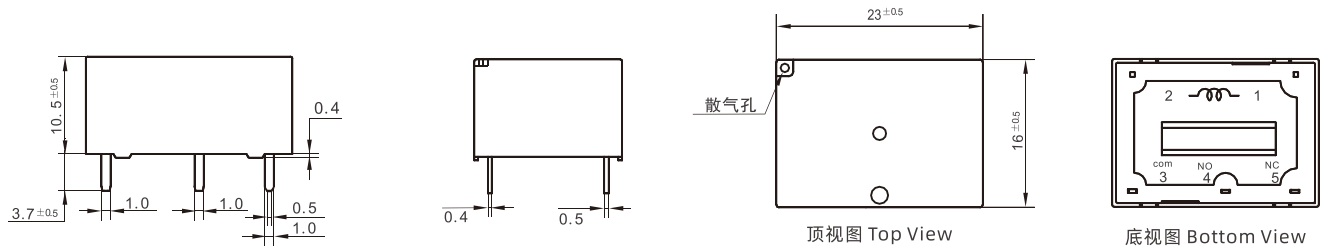
额定电压 Nominal Voltage (VDC)	线圈阻值 Coil Resistance at 20°C ±10%(Ω)		最大吸合电压 Max. Operate Voltage (VDC)	最小释放电压 Min. Release Voltage (VDC)	最大过载电压 Max. Applicable Voltage (VDC)
	0.2W	0.4W			
3	45	22.5	2.25	0.3	4.5
5	125	62.5	3.75	0.5	7.5
6	180	90	4.5	0.6	9
9	405	202.5	6.75	0.9	13.5
12	720	360	9.0	1.2	18
18	1620	810	13.5	1.8	27
24	2800	1440	18.0	2.4	36
48	11510	5760	36.0	4.8	72

订货标记 ORDERING INFORMATION

YL276 -A -S -12VDC -D -F -T -XX

产品系列 Product series	YL276
触点型式 Contact Type	A-一组常开, C-一组转换 A-NORMAL OPEN (SPST NO) ,C -CHANGE (SPDT)
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	无-0.2W; D-0.4W 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
负载电流 Load current	T-16A负载; 无-10A负载 T-16A; NONE -10A
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

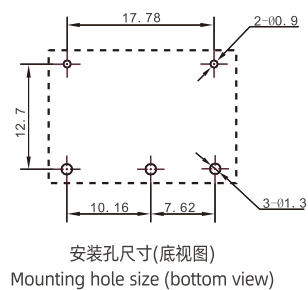
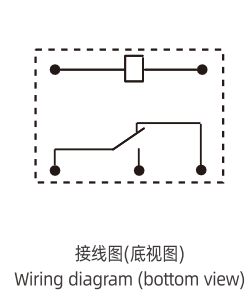


未标注尺寸公差 / Undimensioned tolerance: <1mm:±0.2mm 1~5mm:±0.3mm >5mm:±0.4mm
注: 1、引出脚尺寸为预焊前尺寸 2、安装孔尺寸公差: ±0.1mm
Note: 1.The size of the lead foot is pre welding dimension. 2. installation hole size tolerance: ±0.1mm

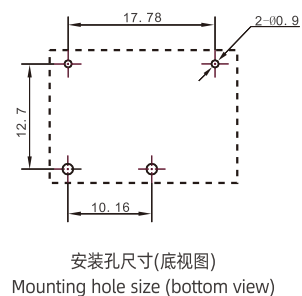
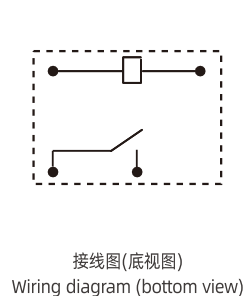
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外形图、接线图、安装孔位图

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT



1C



1A

性能曲线图 CHARACTERISTIC CURVES

