

YL303NH

特点 PRODUCT FEATURES

- 20A触点切换能力
- 塑封型和防尘罩型可供选择
- UL绝缘等级:F级

典型应用 TYPICAL APPLICATIONS

- 自动售货机
- 家用电器:空调、电热器等
- 办公室设备: 电脑、传真机等
- 智能家居



触点负载 CONTACT DATA

型号	Model	YL303NH
额定负载(阻性) Rated load		17A/277VAC; 20A/125VAC
最大切换电流 Max.Switching Current		20A
最大切换电压 Max.Switching Voltage		277VAC
最大切换功率 Max.Switching Power		4709VA

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	10msec. 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	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14g		
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)
	0.36W			
3	25	2.25	0.3	3.9
5	70	3.75	0.5	6.5
6	100	4.5	0.6	7.8
9	225	6.75	0.9	11.7
12	400	9	1.2	15.6
15	625	11.25	1.5	19.5
18	900	13.5	1.8	23.4
24	1600	18	2.4	31.2
48	6400	36	4.8	62.4

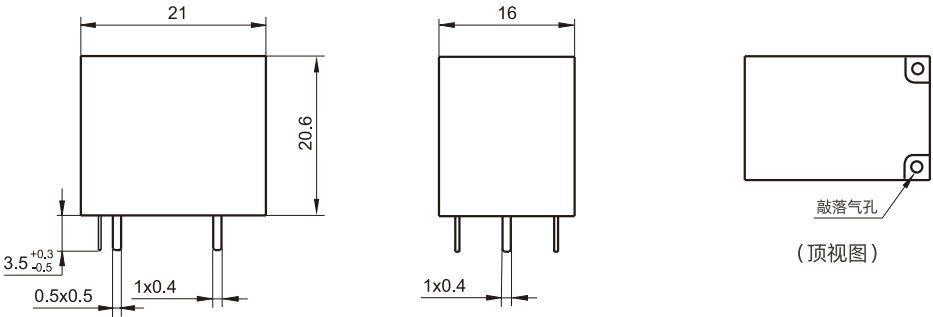
订货标记 ORDERING INFORMATION

YL303NH -C -S -12VDC -D -F -XX

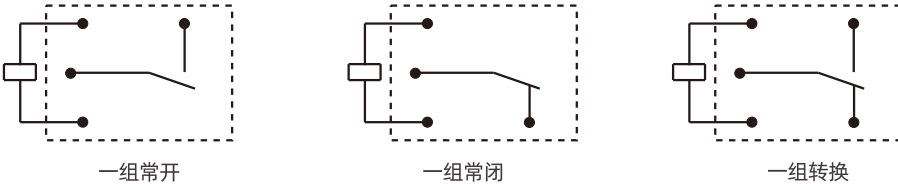
产品系列 Product series	YL303NH
触点型式 Contact Type	A-一组常开, B-一组常闭, C-一组转换 A-NORMAL OPEN (SPST NO), B-NORMAL CLOSE (SPST NC), C-CHANGE (SPDT)
密封型式 Seal Type	S-塑封型 (全密封); 无-防助焊剂型 (不封气孔) S-seal type (full seal), F-Flux-proof type (without sealing vent)
线圈电压 Coil Voltage	3VDC/5VDC/6VDC/9VDC/12VDC/18VDC/24VDC/48VDC
线圈功耗 Coil Power	无-0.36W; D-0.45W NONE-0.36W, D-0.45W
绝缘等级 Insulation class	F-F级绝缘; 无-标准绝缘 F-F class, none - STANDARD
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

外形图
Outline Dimensions

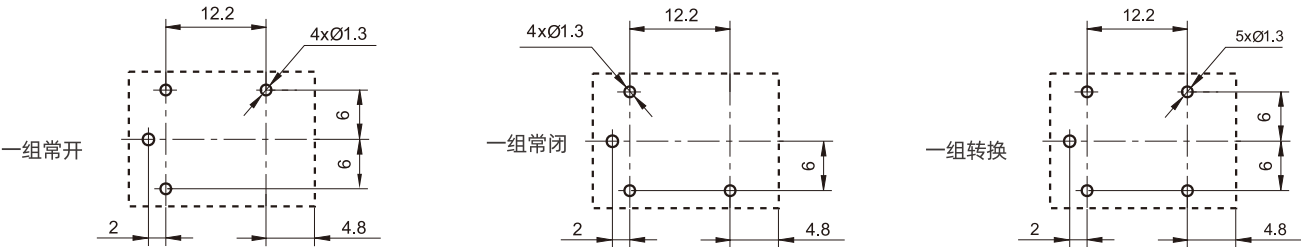


安装孔尺寸(底视图)
Mounting hole size (bottom view)



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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)

性能曲线图 CHARACTERISTIC CURVES

