

JZC-22F PCB 5pin relays YL303EH 6V 12V 24V 12A 15A relays YLE

Quick Details

Place of Origin:	Guangdong, China	Brand Name:	YLE
Model Number:	YL303EH	Theory:	Electromagnetic Relay
Usage:	PCB	Size:	Miniature
Protect Feature:	Sealed	Contact Load:	10A/250VAC;12A/24VDC;TV-8/TV-5
Contact Form:	1H(1A);1D(1B);1Z(1C)	Contact material:	Sliver Alloy
Max. Switching Voltage:	250VAC 24VDC	Max. Switching Current:	10A(VAC);12A(VDC)
Max.Switching Power:	2500VA/288W	Contact Resistance:	Max.100mΩ
Mechanical Life:	10^7 OPS	Electrical Life:	10^5 OPS
Release Time:	Max. 5ms	Operate Time:	Max.10ms

Widely Use:

1	Automation system equipment
2	Electronic equipment
3	Household appliances
4	Instruments and Apparatuses
5	Reasonable control components



触点形式

CONTACT DATA

触点形式	Contact Form	1H(1A)、1D(1B)、1Z(1C)
触点材料	Contact Material	Silver Alloy
触点负载	Contact Ratings	15A 125VAC/28VDC TV-8 12A 125VAC/28VDC 10A 250VAC
最大转换电压	Max.Switching Voltage	250VAC 30VDC
最大转换电流	Max.Switching Current	15A
最大转换功率	Max.Switching Power	2500VA 288W
接触电阻	Contact Resistance	Max. 100mΩ
电气寿命	Electrical Life	1×10 ⁵ Ops
机械寿命	Mechanical Life	1×10 ⁷ Ops

性能参数

GENERAL DATA

绝缘电阻	Insulation Resistance	100MΩ (500VDC)	
介质耐压	Dielectric Strength	触点与线圈间耐压 Between coil and contacts	1500VAC 50/60Hz 1Min
		触点间耐压 Between open contacts	750VAC 50/60Hz 1Min
吸合时间	Operate Time	Max. 10ms	
释放时间	Release Time	Max. 5ms	
温度范围	Temperature Range	-40℃~+85℃	
冲击	Shock Resistance	稳定性 Functional	98m/s ²
		强度 Destructive	980m/s ²
振动	Vibration Resistance	10-55Hz Double amplitude 双振幅 1.5mm	
重量	Weight	约 12g	
安规认证	Safety Standard	ccc cULus	

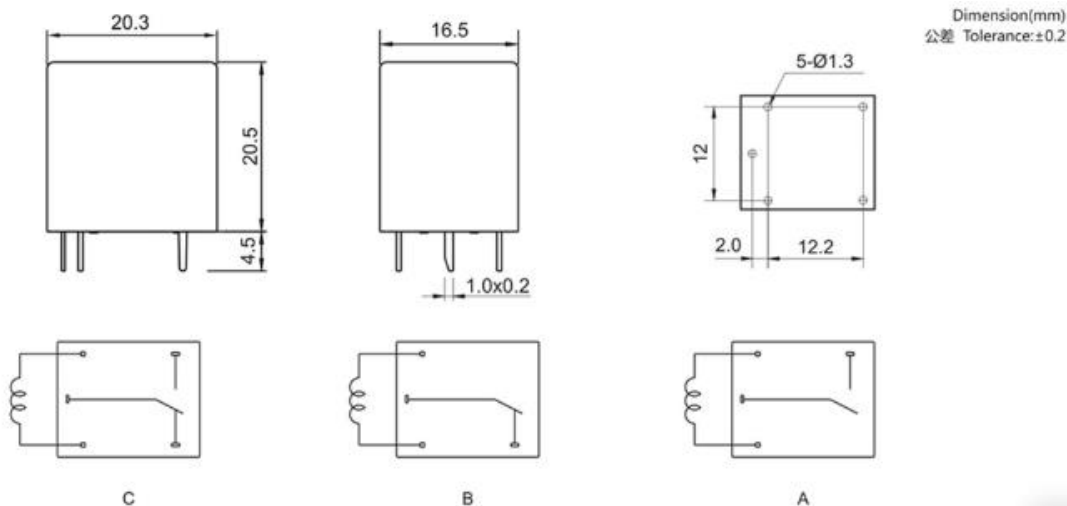
■ 线圈参数

COIL DATA

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	0.45W			
5	75	56	3.8	0.5	6.5
6	100	80	4.5	0.6	7.8
9	225	180	6.8	0.9	11.7
12	400	320	9.0	1.2	15.6
24	1600	1280	18.0	2.4	31.2
48	6400	5120	36.0	4.8	62.4

■ 外形图、接线图、安装孔尺寸

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT



■ 特性曲线

REFERENCE DATA

测试条件 Test conditions:

NO.阻性负载, 125VAC/28VDC,密封型, 室温, 1s通9s断。

CO.阻性负载, 125VAC, 密封型, 室温, 5s通5s断。

NO.Resistive load, Flux proofed Room Temp.,1s on 9s off.

CO.Resistive load, Flux proofed Room Temp.,5s on 5s off.

