



28×21.5×34

YL220

主要特性

- 体积小、重量轻、负载功率大;
- 安装方式多、多组切换安装方式多、多组切换;
- 结构合理、具强大防震与抗振动能力;
- 适合自动控制、电信设备、家用电器、机械电气设施;

触点形式

CONTACT DATA

触点形式	Contact Form	2A(常开)、2C(转换)
触点材料	Contact Material	Silver Alloy
触点负载	Contact Ratings	10A/250VAC,28VDC
最大转换电压	Max.Switching Voltage	30VDC 250VAC
最大转换电流	Max.Switching Current	10A
最大转换功率	Max.Switching Power	280W 2500VA
接触电阻	Contact Resistance	Max. 50mΩ
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	500MΩ (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	1500VAC 50/60Hz 1Min
吸合时间	Operate Time	Max 25ms		
释放时间	Release Time	Max 25ms		
温度范围	Temperature Range	-40°Cto+70°C		
冲击	Shock Resistance	稳定性	Functional	98m/s ²
		强度	Destructive	980m/s ²
振动	Vibration Resistance	10-100Hz Double amplitude 双振幅 1.5mm		
湿度	Humidity	40°C时可达85%		
重量	Weight	约37g		
安规认证	Safety Standard			

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)
	0.9W			
5	27.5	4	0.5	5.5
6	40	4.8	0.6	6.6
9	90	7.2	0.9	9.9
12	160	9.6	1.2	13.2
24	640	19.2	2.4	26.4
48	2600	38.4	4.8	52.8
110	11000	88	11.0	121

■ 订货标记示例

ORDERING INFORMATION

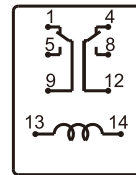
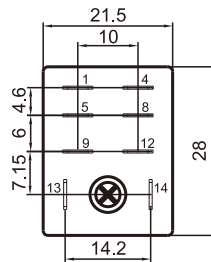
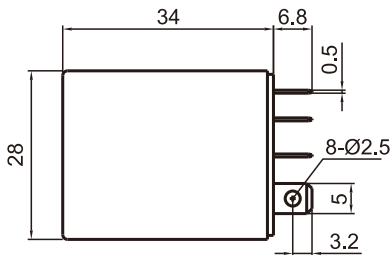
产品型号 Type	YL220	YL220	-2C	-12VDC	-P	-XX
触点转换形式 Contact Form	2C:2FormC 2A:2FormA 2B:2FormB					
线圈电压 Coil Voltage	5V、6V、9V、12V、24V、48V、110V					
引出脚方式 Termination	无:PCB P:插入式 NIL:PCB P:Plug-in					
特殊参数或特殊要求 Special Parameters Or Special Requirements						

■ 外形图、接线图、安装孔尺寸

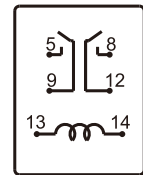
OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

Dimension(mm)
公差 Tolerance:±0.2

YL220-X-XXVDC-P

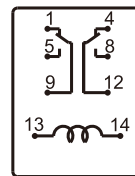
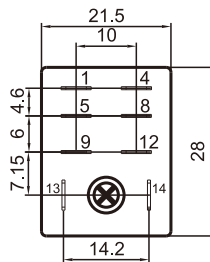
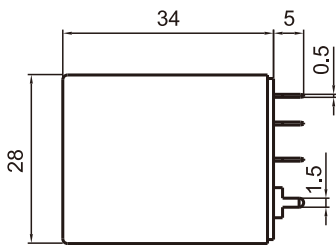


BOTTOM VIEW
2C

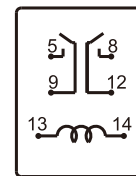


BOTTOM VIEW
2A

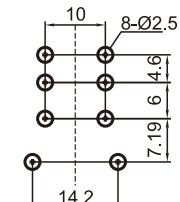
YL220-X-XXVDC



BOTTOM VIEW
2C



BOTTOM VIEW
2A

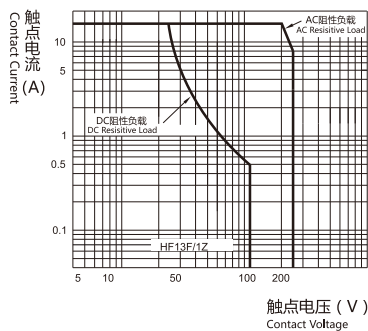


BOTTOM VIEW

■ 特性曲线

REFERENCE DATA

最大切换功率(2C)
MAX. SWITCHING POWER



最大切换功率(2A)
MAX. SWITCHING POWER

