

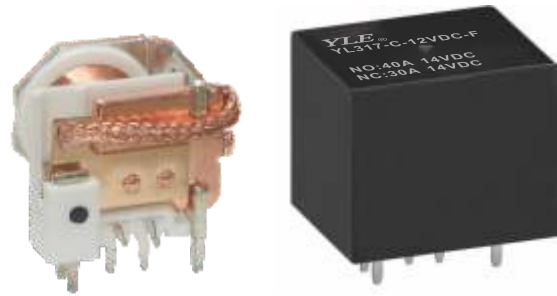
YL317

特点 PRODUCT FEATURES

- 小型大功率，最大切换负载40A。
- 低功耗高性能。
- 可供密封型和敞开型。

典型应用 TYPICAL APPLICATIONS

- ABS控制系统、鼓风机
- 天窗、车窗升降器
- 汽车报警器、冷却风扇
- 主开关/电源继电器
- 发动机控制系统、燃油泵
- 气门、雨刮器控制系统。
- 危险警告灯、点火装置
- 灯（车前/后灯）、雾灯、车内灯、转向灯
- 座椅控制系统、安全带预紧器
- 受热型前窗玻璃、受热型后窗玻璃



触点负载 CONTACT DATA

型号 Model	YL317	
额定负载(阻性) Rated load	NO : 40A 14VDC NC : 30A 14VDC	NO : 20A 28VDC NC : 15A 28VDC
最大切换电流 Max.Switching Current	40A	20A
最大切换电压 Max.Switching Voltage	30VDC	30VDC
最大切换功率 Max.Switching Power	560W	560W

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	10msec. Max.	
绝缘电阻 Insulation resistance	100MΩ Min.(DC500V)	
介质耐压 Dielectric strength	触点与触点间 Between open contacts	AC 500V , 50/60Hz 1min.
	触点与线圈间 Between coil & contacts	AC 500V , 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°C ~ +125°C(不结冰)	
重量 Weight	敞开式：约16.0g；密封式：约20.5g	

YL317

线圈参数 (at 20°C) COIL DATE

Nominal Voltage 额定电压 (VDC)	Rated current 额定电流 (mA)	Coil Resistance 线圈阻值 ±10%(Ω)	Max.continuous external voltage 最大连续 外加电压	Operate Voltage 吸合电压 (Max.)	Release Voltage 释放电压 (Min.)	Rated power 额定功率
12	133.33	90	额定电压的150% Rated voltage of 150%	额定电压的66.7% Rated voltage of 66.7%	额定电压的10% Rated voltage of 10%	约1.60W
24	66.67	360				

订货标记 ORDERING INFORMATION

YL317

-A

12VDC

-F

XX

产品型号
Type

YL317

触点形式
Contact Form

C-转换, B-常闭, A-常开

线圈规格
Coil Specification

12VDC, 24VDC

封装形式
Package Form

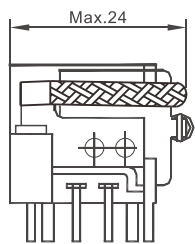
无-敞开型, F-塑封型

特殊参数或特殊要求

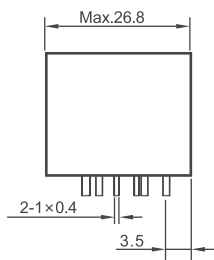
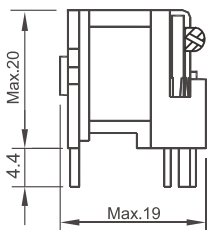
Special Parameters Or Special Requirements

外形图、接线图、安装孔位图

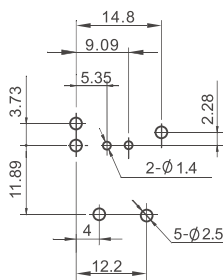
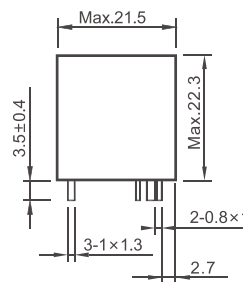
OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT



敞开型

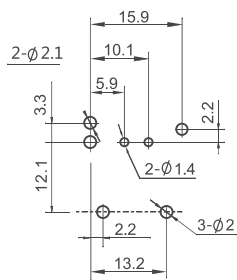


塑封型

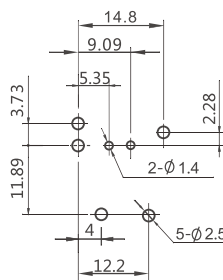


U式

底视图

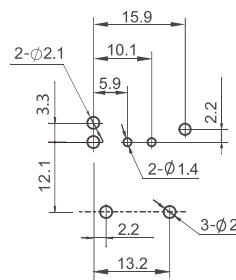


E式



U式

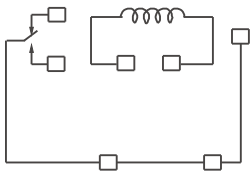
底视图



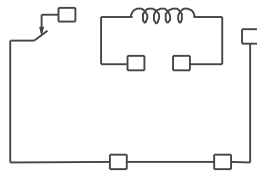
E式

未标注尺寸公差 / Undimensioned tolerance: <1mm:±0.2mm 1~5mm:±0.3mm >5mm:±0.4mm

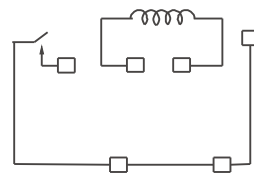
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1C



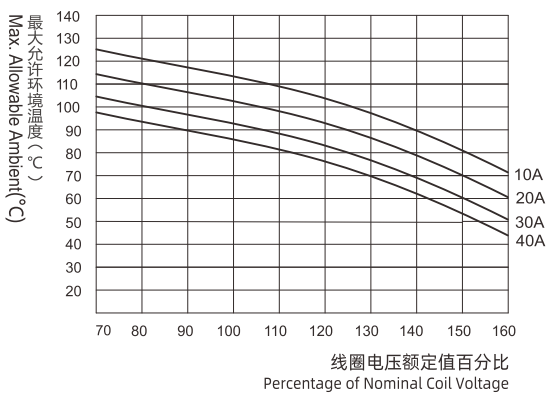
1B



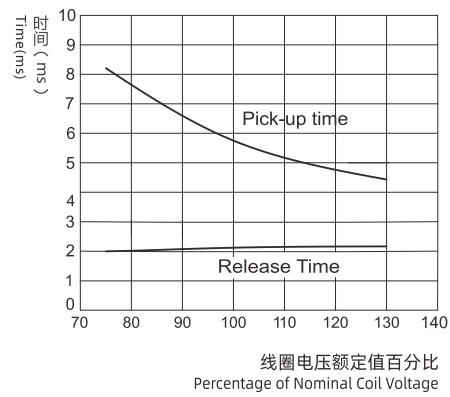
1A

性能曲线图 CHARACTERISTIC CURVES

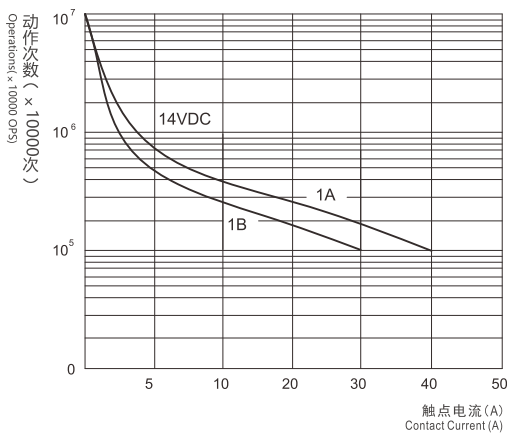
环境温度与线圈电压关系图
Ambient temperature vs coil voltage



吸合时间/释放时间
Pick-up/release time



电耐久性曲线
ENDURANCE CURVE



阻性负载下常开触点的灭弧能力
Anti-arc capability of N.O. Contacts with res. Load

