
特点 Features:

- 高触点容量: 16A触点切换能力
High switching capability :16A.
- 可提供符合 IEC 60335-1 标准产品
Product comply with IEC 60335-1 available.
- 高耐压 5KV
Dielectric Strength:5KV(between coil&contacts).

触点参数 CONTACT DATA

| | | |
|----------|-----------------------------|-------------------------|
| 型号 | Model | YX208E |
| 触点形式 | Contact Arrangement | 1A、1B、1C |
| 接触电阻 | Contact Resistance | 100mΩ Max. |
| 触点材料 | Contact Material | 银合金 Silver Alloy |
| 额定负载(阻性) | Contact Rating (Res.Load) | 16A 250VAC/30VDC |
| 最大切换电流 | Max. Switching Current | 20A |
| 最大切换电压 | Max. Switching Voltage | 250VAC/30VDC |
| 最大切换功率 | Max. Switching Power | 4000VA/480W |
| 机械寿命 | Mechanical endurance | 1x10 ⁷ 次 OPS |
| 电气寿命 | Electrical endurance | 1x10 ⁵ 次 OPS |

性能参数 CHARACTERISTICS

| | | |
|-------------|--------------------------------|---|
| 吸合时间(额定电压下) | Operate Time (at nomi.volt.) | 15ms Max. |
| 释放时间(不带二极管) | Release Time (without diode) | 8ms Max. |
| 绝缘电阻 | Insulation Resistance | 1000MΩ Min.(500VDC) |
| 介质耐压 | Dielectric Strength | 触点与触点间 Between Open Contacts : 1000VAC, 50/60Hz 1 min. |
| | | 触点与线圈间 Between Coil & Contacts : 5000VAC, 50/60Hz 1 min |
| 抗振性 | Vibration resistance | 误动作 Functional: 10~50Hz 双振幅1.5mm (DA) |
| | | 耐久 Destructive: 10~50Hz 双振幅1.5mm (DA) |
| 抗冲击 | Shock resistance | 误动作 Functional: 10G Min. |
| | | 耐久 Destructive: 100G Min. |
| 环境温度 | Ambient Temperature | -40°C~+85°C (不冷凝 No condensation) |
| 重量 | Unit Weight | 约 Approx. 13.5g |

线圈参数 COIL DATA (at 23°C)

| 额定电压 Rated voltage (VDC) | 额定电流 Rated current ±10%(mA) | 线圈电阻 Coil resistance ±10%(Ω) | 最大连续外加电压 Max allowable voltage VDC (Max.) | 吸合电压 Operate voltage VDC (Max.) | 释放电压 Release voltage VDC (Min.) | 额定功率 Rated coil power (W) |
|--------------------------------|-----------------------------------|------------------------------------|---|---------------------------------------|---------------------------------------|---------------------------------|
| 5 | 108.0 | 46 | 额定电压的 of rated voltage 130 % | 额定电压的 of rated voltage 75 % | 额定电压的 of rated voltage 5 % | 约 approx. 0.54 |
| 6 | 90.0 | 67 | | | | |
| 9 | 60.0 | 150 | | | | |
| 12 | 45.0 | 270 | | | | |
| 18 | 30.0 | 600 | | | | |
| 24 | 22.5 | 1,067 | | | | |
| 48 | 11.3 | 4,267 | 额定电压的 of rated voltage 130 % | 额定电压的 of rated voltage 75 % | 额定电压的 of rated voltage 5 % | 约 approx. 0.72 |
| 5 | 144.0 | 35 | | | | |
| 6 | 120.0 | 50 | | | | |
| 9 | 80.0 | 113 | | | | |
| 12 | 60.0 | 200 | | | | |
| 18 | 40.0 | 450 | | | | |
| 24 | 30.0 | 800 | | | | |
| 48 | 15.0 | 3,200 | | | | |

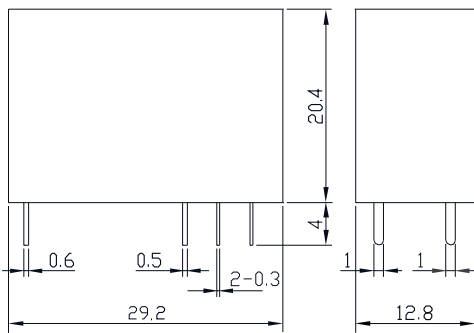
订货标记示例 ORDERING INFORMATION

| | | | | | | |
|--------------------------------|----|---|----|---|---|--|
| YX208E | -S | -1 | 12 | D | M | |
| 触点形式 Contact form : | | 无-转换, M-常开, B-常闭 Nil-Form C, M-Form A, B-Form B | | | | |
| 线圈功耗 Coil power : | | D-0.54W (0.72W 可选 optional) | | | | |
| 线圈规格 Coil voltage : | | 05,06,09,12,18,24,48 (VDC) | | | | |
| 触点组数 Number of poles : | | 1-1组 1-1 Group | | | | |
| 封装形式 Protective construction : | | S-塑封式 S-Flux proofed | | | | |
| 基本型号 Type designation : | | YX208E | | | | |

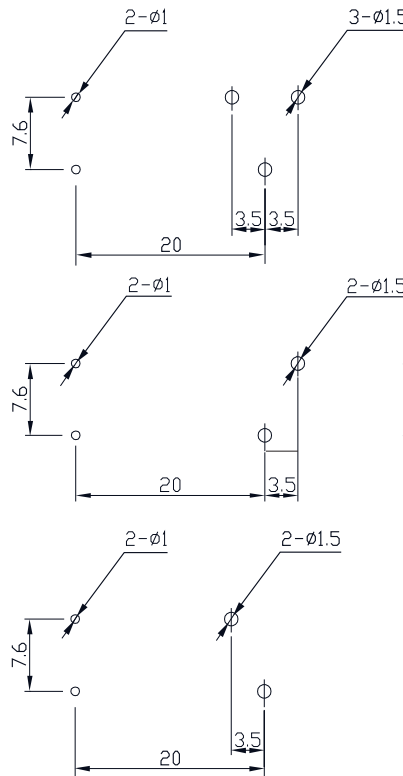
外形尺寸、接线图、安装孔位图 (单位: mm)

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PCB LAYOUT (Unit: mm)

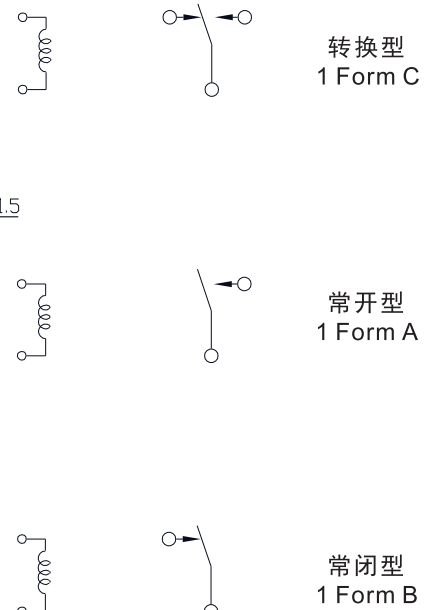
外形尺寸
Outline Dimensions



安装孔位图 (底视图)
PCB Layout (Bottom View)



接线图 (底视图)
Wiring Diagram (Bottom View)



注 Remark :

- 未标注尺寸公差
Unmarked dimensional tolerance
 - ≤1mm: ±0.2mm ;
 - (1~5)mm: ±0.3mm ;
 - ≥5mm: ±0.4mm.
- 安装孔尺寸公差: ±0.1mm.
The tolerance of PCB layout is always: ±0.1mm.
- 引出脚尺寸为预焊前尺寸。
Extended terminal dimension is dimension before soldering.

性能曲线图 CHARACTERISTIC CURVES

