


特性 Characteristic

- 小型大容量继电器, 最大切换负载30安培
Miniature relay with high switching capability 30A.
- 触点形式为常开或常闭或转换型
Contact form: Form A, Form B or Form C.
- 可供触点与线圈间耐压达4000VAC耐浪涌电压6000VAC(1.2/50 μ S)的特殊继电器(LA, LB, LC 不含敞开型)
Special type of 4000VAC dielectric strength and 6000V voltage(1.2/50 μ S) between coil and contact(LA, LB, LC, not include open type) available.
- 可提供塑封型或敞开型 Plastic sealed type and open type available.

安规认证 Safety Approval: UL,C-UL,CQC,TUV
订货标记 Ordering Information

| 型号命名规则 Model Naming Rules | | | | | | | | | | |
|---------------------------|-----|-----|---|---|---|---|----|---|---|--|
| DEU | -DC | 12V | D | 1 | L | F | -C | S | X | 特殊参数: 无: 标准型 Special Parameters: Blank: Standard type |
| | | | | | | | | | | 封装方式: 无: 敞开型 S: 塑封型 SH: 防水型 Enclosure Type: Blank: Open type, S: Plastic sealed type, SH: Sealed type washable |
| | | | | | | | | | | 触点形式: A: 常开型, B: 常闭型, C: 转换型 Contact Form: A: Form A, B: Form B, C: Form C |
| | | | | | | | | | | 绝缘等级: 无: 普通型, B: 等级 B, F: 等级 F Insulation System: Blank: Standard type, B: Class B, F: Class F |
| | | | | | | | | | | 端脚形式: 无: 标准型, L: 少一轭铁脚型 Terminal Type: Blank: Standard type, L: Lack of yoke terminal type |
| | | | | | | | | | | 触点组数: 1: 1组 Number Of Poles: 1: Single pole |
| | | | | | | | | | | 线圈功耗: D: 0.9W Coil Power: D: 0.9W |
| | | | | | | | | | | 线圈电压: DC: 5V, 6V, 9V, 12V, 15V, 18V, 24V, 48V, 110V Coil Voltage: DC: 5V, 6V, 9V, 12V, 15V, 18V, 24V, 48V, 110V |
| | | | | | | | | | | 线圈性质: DC: 直流 Coil Type: DC: Direct current |
| | | | | | | | | | | 产品型号: DEU Model: DEU |

线圈参数 Coil Data (at 20°C)

| 额定电压 Rated Voltage (VDC) | 额定电流 Rated Current $\pm 10\%$ (mA) | 线圈电阻 Coil Resistance $\pm 10\%$ (Ω) | 最大连续外加电压 Max. Continuous Voltage Applied | 吸合电压 Pick Up Voltage (Max.) | 释放电压 Drop Out Voltage (Min.) | 额定功率 Power Consumption At Rated Voltage |
|--------------------------------|--|--|--|-------------------------------------|------------------------------------|---|
| 5 | 180.00 | 27.8 | 额定电压的110% 110% of rated voltage | 额定电压的75% 75% of rated voltage | 额定电压的5% 5% of rated voltage | 约 Approximately 0.90W |
| 6 | 150.00 | 40 | | | | |
| 9 | 100.00 | 90 | | | | |
| 12 | 75.00 | 160 | | | | |
| 15 | 60.00 | 250 | | | | |
| 18 | 50.00 | 360 | | | | |
| 24 | 37.50 | 640 | | | | |
| 48 | 18.75 | 2,560 | | | | |
| 110 | 8.21 | 13,400 | | | | |

触点负载 Contact Rating

| 型号 Model | DEU-A | DEU-B | DEU-C |
|-------------------------------|------------|------------|----------------|
| 阻性负载 Resistive Load | 30A 250VAC | 15A 250VAC | 20A/10A 250VAC |
| 最大切换电流 Max. Switching Current | 30A | 15A | 20A |
| 最大切换电压 Max. Switching Voltage | 250VAC | 250VAC | 250VAC |
| 最大切换功率 Max. Switching Power | 7,500VA | 3,750VA | 5,000VA |

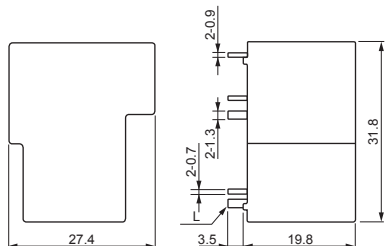
规格说明 Specification

| | | |
|----------------------------|--|---|
| 触点材料 Contact Material | 银合金 Ag Alloy | |
| 接触电阻 Contact Resistance | 50mΩ Max. | |
| 吸合时间 Operate Time | 15ms. Max. | |
| 释放时间 Release Time | 10ms. Max. | |
| 绝缘电阻 Insulation Resistance | 1,000MΩ Min.(DC500V) | |
| 介质耐压 Dielectric Strength | 触点与触点间 Between open contact: AC1,500V, 50/60Hz 1min. | |
| | 线圈与触点间 Between coil and contact: AC2,500V, 50/60Hz 1min. (可供AC4,000V AC4KV available) | |
| 抗振动 Vibration Resistance | 耐久 Endurance | 10~55Hz, 双振幅 1.5 mm 10~55Hz, 1.5 mm double amplitude |
| | 误动作 Misoperation | 10~55Hz, 双振幅 1.5 mm 10~55Hz, 1.5 mm double amplitude |
| 抗冲击 Shock Resistance | 耐久 Endurance | 10g Min. |
| | 误动作 Misoperation | 100g Min. |
| 寿命 Life | 机械寿命 Mechanical Life | 10,000,000 operations |
| | 电气寿命 Electrical Life | 100,000 operations |
| 环境温度 Ambient Temperature | -40°C~+85°C | |
| 重量 Weight | 敞开型: 约 20.0g Open type: Approx. 20.0g | 塑封型: 约 24.0g Sealed type: Approx. 24.0g |

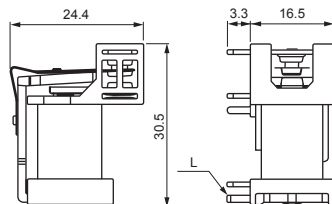
外形尺寸、接线、安装孔位图(mm)

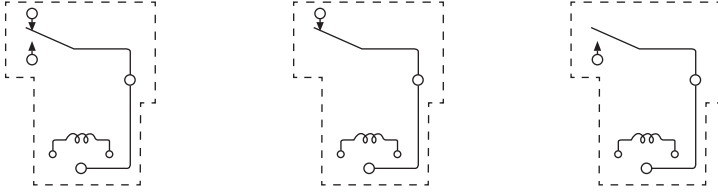
Outline Dimensions, Wiring Diagram, Mounting Hole Layout (mm)

塑封型 Plastic sealed type

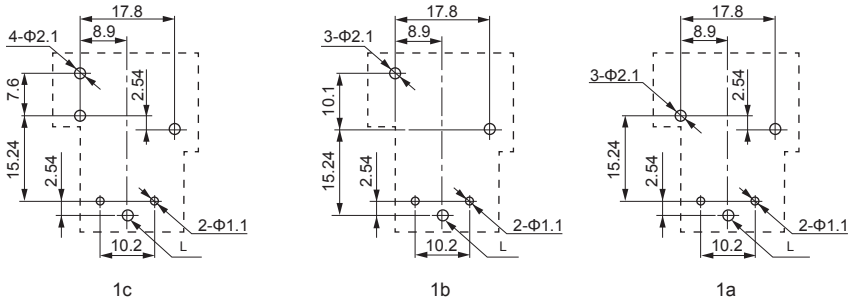


敞开型 Open type





接线图(底视图) Wiring Diagram (Bottom View)



L: 少一轭铁脚型
L: Lack of yoke terminal type

安装孔位图(底视图) Mounting Hole Layout (Bottom View)

未标注尺寸公差 Dimension tolerance

- <1mm: $\pm 0.2\text{mm}$
- 1-5mm: $\pm 0.3\text{mm}$
- >5mm: $\pm 0.4\text{mm}$

注(Note):

- 安装孔尺寸公差 $\pm 0.1\text{mm}$
- Dimension tolerance of the mounting hole $\pm 0.1\text{mm}$

典型用途 Typical Applications

- 汽车 Car.
- 加热器和通风装置 Heater and ventilation equipment.
- 空调 Air conditioner.
- 家用电器 Household appliances.

性能曲线图 Performance Curves

