



CE

Product Features

- ◆ Switching current Max.25A
- ◆ PC board and quick-connect terminals are available
- ◆ Insulation grade Class F
- ◆ Fit for home appliance, such as air conditioner,fan heater,etc.
- ◆ Dimension:30.5*16*23.5mm&30.5*16*26.5mm

Contact Rating

Contact Form	1A	
Contact Resistance Max.	≤100mΩ (1A 6VDC)	
Contact Material	AgSnO ₂ AgCdO	
Contact load	Resistive Load: 20A 250VAC ; Motor load: 2HP 240VAC	
Switching Voltage Max.	250VAC	
Switching Current Max.	25A	
Switching Power Max.	6250VAC	
Life expectancy	Electrical	1*10 ⁵
	Machanical	1*10 ⁷

Coil Rating

Rated coil voltage (VDC)	Coil Resistance (1±10%)Ω	Pick up Max. (VDC)	Drop out Min. (VDC)	Power (W)	Coil voltage Max.(VDC)
5	27.8	3.5	0.5	0.9	6
12	160	8.4	1.2		14.4
24	640	16.8	2.4		28.8
48	2560	33.6	4.8		57.6

Technical Rating

Insulation Resistance		1000MΩ(500VDC)	IEC 60255-5
Dielectric Strength	Between Coil&Contact	4500VAC 1min	IEC 60255-5
	Between Contacts	1500VAC 1min	IEC 60255-5
Operate Time		≤20ms	
Release Time		≤10ms	
Coil temperature rise		≤60K	
Shock Resistance		Operation extremes 20G Damage limits 100G	IEC 68-2-27 test Ea
Vibration Resistance		10Hz～55Hz double amplitude 1.5mm	IEC 68-2-6 test Fc
Ambient Temperature		- 25℃～85℃	
Package		Dust-proof	
Weight		Approx.23g	

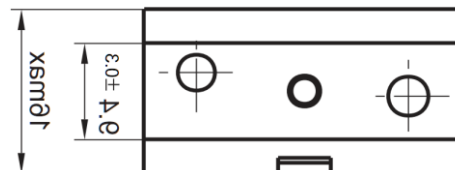
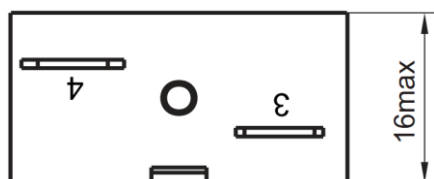
Designation

$\frac{\text{CE}}{1}$ — $\frac{12\text{VDC}}{2}$ — $\frac{\text{A}}{3}$ $\frac{25}{4}$ — $\frac{\text{P}}{5}$

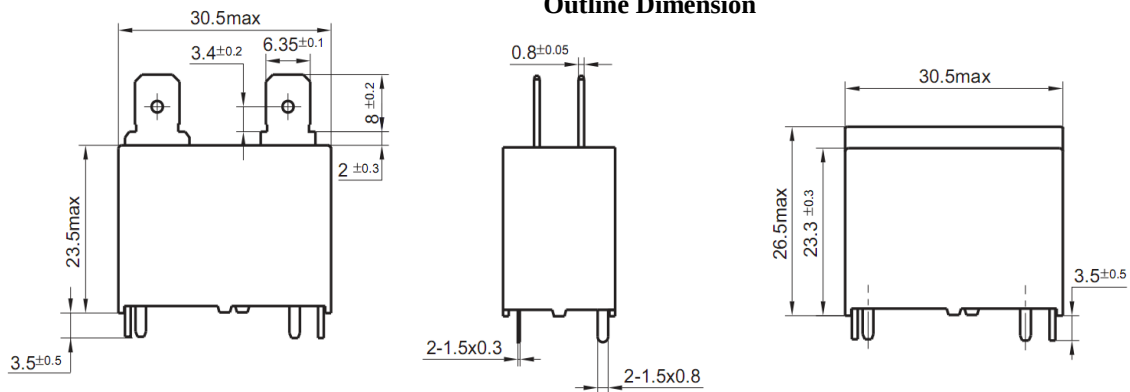
- 1、 Model: CE
- 2、 Nominal Coil Voltage: 3V,5V,6V,9V,12V,24V,48V(DC)
- 3、 Contact Form: A(Normally Open)
- 4、 Contact Load Capacity: 25A
- 5、 Terminal Type: P: PCB Type; None: PCB Type+Quick Terminals

Dimension

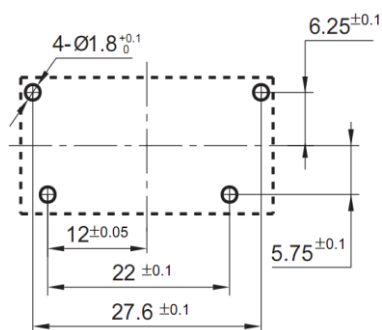
Unit: mm

Outline Dimension (Top View)


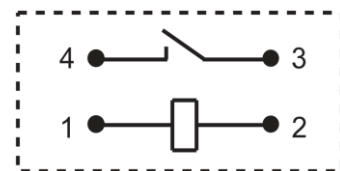
Outline Dimension



Bottom View Layout

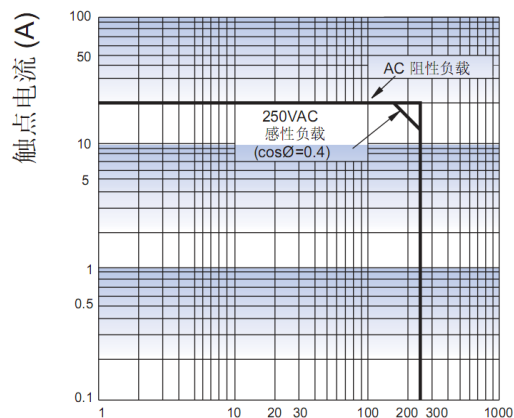


Wiring Diagram



Engineering Data

Contact Switching Capacity



Electrical Endurance Curve

