

CE



Product Features

- ◆ Switching current 25A
- ◆ PCB&Quick-terminals available
- ◆ Insulation Grade Class F
- ◆ Suitable for household appliances, such as air conditioner, heater, etc.
- ◆ Outline dimensions: 30.5*16*26.5mm/30.5*16*23.5+9.7mm

 us E361440

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Ordering Information

Model No.	CE	-12VDC	-A	25	-P
Nominal Coil Voltage: 3,5,6,9,12,24,48V(DC)					
Contact Form: A: Normally open					
Contact Rating: 25A					
Terminal types: P: PCB Type Nil: PCB&Quick-terminals Type					

Contact Rating

Contact Form	1A	
Contact Resistance	≤100mΩ (1A 24VDC)	
Contact Material	Ag Alloy	
Contact Rating	Resistive: 25A 277VAC; Motor load: 1.5HP 125VAC; 1.5HP 250VAC; TV-10 120VAC	
Switching Voltage Max.	277VAC	
Switching Current Max.	Resistive 25A	
Switching Power Max.	6250VAC	
Endurance	Electrical	10 ⁵
	Mechanical	10 ⁷

Coil Rating

Nominal Coil Voltage (VDC)	Coil Resistance R(1 ± 10%) Ω	Pick up Max. (VDC)	Drop out Min. (VDC)	Coil 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		1000M Ω (500VDC)	Item 7 of IEC 60255-5
Dielectric Strength	Between Open Contacts	1500VAC 1min	Item 6 of IEC 60255-5
	Between Coil&Contact	4500VAC 1min	Item 6 of 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		-40℃ ~ 55℃	
Construction		Dust proof type	
Weight		23g	

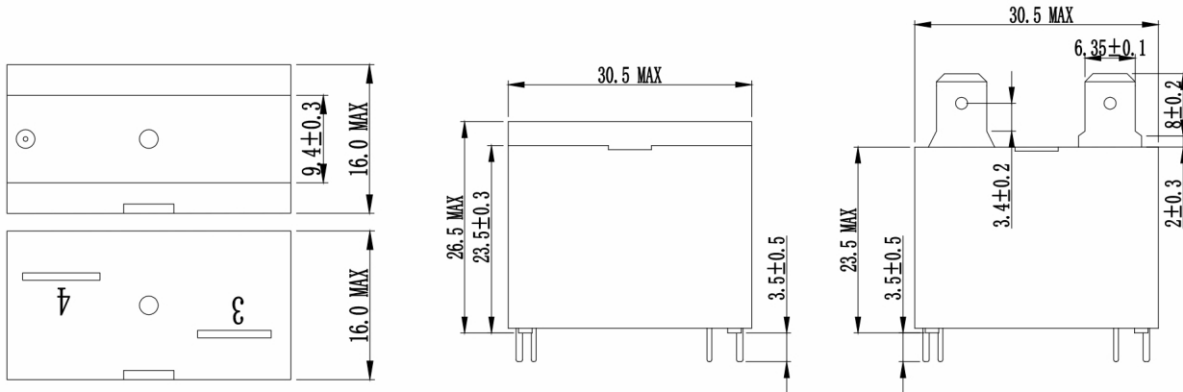
Safety Approval Rating

Approval	CQC	UL			
Load Rating	25A/250VAC	25A/277VAC	1.5HP/250VAC	1.5HP/125VAC	TV-10/120VAC
	5x10 ⁴	1x10 ⁵	1x10 ⁵	1x10 ⁵	2.5x10 ⁴

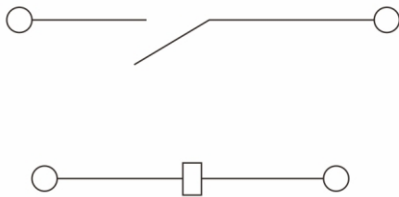
Outline Dimensions, Wiring Diagram And PCB Layout

Unit:mm

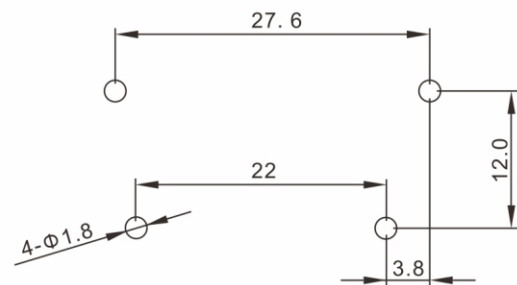
Outline Dimensions



Wiring Diagram(Bottom View)



PCB Layout (Bottom View)



Remarks: (1) In case of no tolerance shown in outline dimension: outline dimension ≤ 1mm, tolerance should be ± 0.2mm; outline dimension > 1mm and ≤ 5mm, tolerance should be ± 0.3mm; outline dimension > 5mm, tolerance should be ± 0.4mm.
(2) The tolerance without indicating for PCB layout is always ± 0.1mm.

Note: Specification and dimensions in this catalogue are for reference only and subject to change without notice.