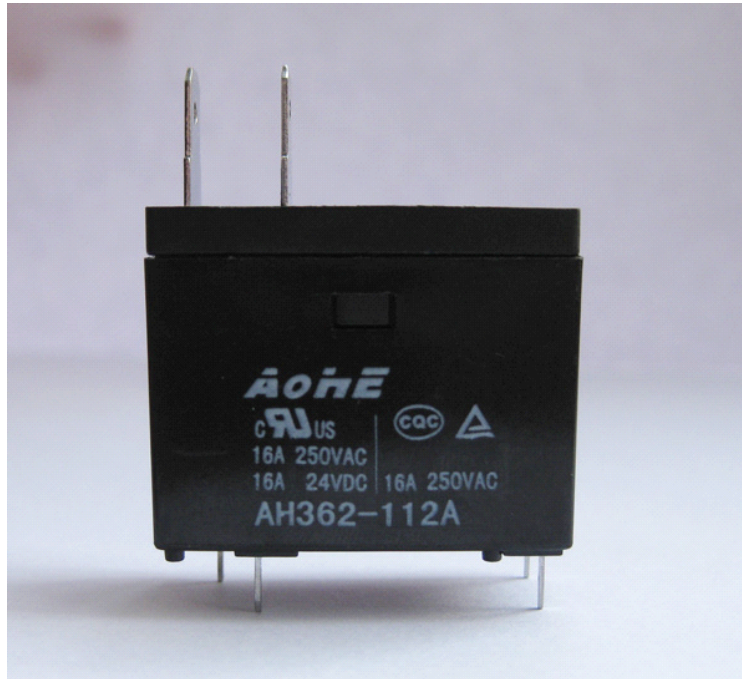


AH362**Feature**

1. Low profile size: 29(L)x12.6(W)x24.5(H)mm
2. Max Switching Capacity: 16A/250VAC
3. Environmental friendly product
4. Terminal Type: PCB and Quick connect

Typical applications

- ◆HVAC
- ◆Home Appliances
- ◆Power system
- ◆Air-conditioning System
- ◆Office Equipment

Reference Cross: OMIF JH62F HF62F JR G5J 302 78F

Specifications

◆ Contact Ratings

Number of poles	1 Pole		
Arrangement	1 Form A		
Initial contact resistance, max.(by voltage drop 6VDC/1A)	50m Ω		
Contact material	Silver alloy		
Rating (resistive load)	Nominal switching capacity	16A 250VAC/24VDC	
	Max. switching power	4000VA	
	Max. switching voltage	250VAC	
	Max. switching current	20A	
Expected life (min.operations)	Mechanical (at 300cpm)	1×10^7	
	Electrical (resistive load)	1×10^5	

◆ Coil data

1、 Sensitive coil				
Rated voltage (VDC)	5	9	12	24
Rated current (mA)	106	58.8	44.5	22
Coil resistance (Ω) $\pm$ 10%	47	153	270	1086
Must operate voltage	75% max. of rated voltage			
Must release voltage	5% min. of rated voltage			
Max voltage	130% of rated voltage			
Power consumption	0.53W	0.53W	0.53W	0.53W
2、 Standard coil				
Rated voltage (VDC)	5	9	12	24
Rated current (mA)	142	80	60	30
Coil resistance (Ω) $\pm$ 10%	35	112.5	200	800
Must operate voltage	75% max. of rated voltage			
Must release voltage	5% min. of rated voltage			
Max voltage	130% of rated voltage			
Power consumption	0.72W	0.72W	0.72W	0.72W

◆ Characteristics

Item		
Initial insulation resistance		Min.100 M Ω (at 500VDC)
Dielectric strength	Between open contacts	1000VAC 1 Min.
	Between coil and contacts	5000VAC 1 Min.
Operate time (at nominal voltage)		10ms
Release time (at nominal voltage)		5ms
Temperature rise (at nominal voltage)		40K max. (at 20℃)
Shock resistance	Functional	100 m/ S ²
	Destructive	1000 m/ S ²
Vibration resistance	Functional	10 to 55Hz, at double amplitude 1.5mm
	Destructive	
Ambient temperature		-40℃～+85℃
Humidity		45% to 85% RH
Termination		PCB and QC
Unit weight		Approx. 20g

Ordering information

AH362— X X X X

1 2 3 4 5

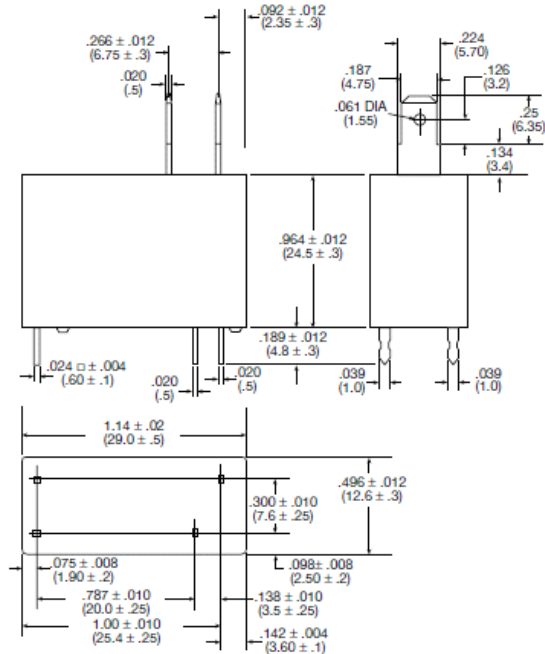
1. Product type: AH362
2. Pole
1—1 pole
3. Coil Voltage
05—5VDC 12—12VDC
4. Coil power and Contact rating
Blank—Sensitive D—Standard
5. Contact arrangement
A—form A

Note: Any special requests, please contact us.

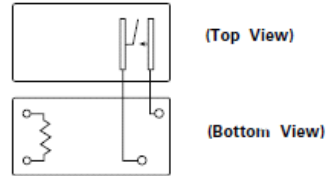
Outline Dimensions, PCB Layout and Wiring Diagram

(Dimensions in bracket are in millimeters)

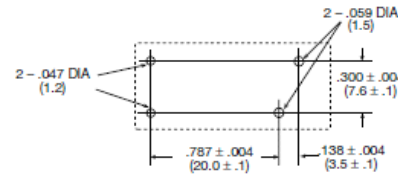
Outline Dimensions



Wiring Diagram

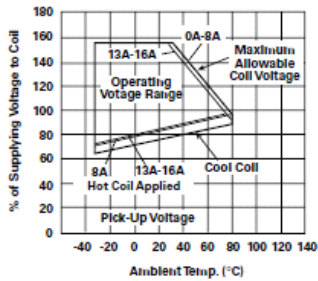


PC Board Layout (Bottom View)



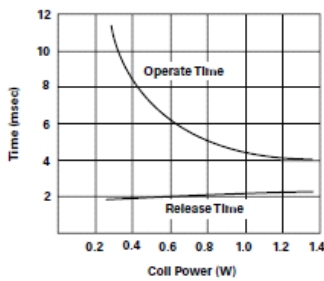
Reference Data

Operating Voltage



Note: This data is based on the max. allowable temperature for E type insulation coil (115°C).

Operate Time



Life Expectancy

