



Features

- High sensitive: 150 mw
- Designed for thermostat, modem, computer peripherals, video recorder and security application.

Safety Approval

UL, TUV, CQC

Contact capacity

Model	YSA	
Nominal Switching Capacity	1A 125VAC	1A 24VDC
Max. swithing current	2A	
Max. swithing voltage	125VAC	30VDC
Max. swithing power	240VA	60W

Characteristic Data

Contact material	Silver alloy	
Initial contact resistance(at6VDC 1A)	100mΩ Max.	
Operate time(at nominal volt)	5msec. Max.	
Release time(at nominal volt)	5msec. Max.	
Initial insulation resistance	100MΩ Min.(DC500V)	
Initial dielectric strength	Between open conatcts: AC 500V, 50/60Hz 1Min.	
	Between coil and contact: AC1 000V 50/60Hz 1Min.	
Vibration resistance	Functional	10 ~ 55Hz at double amplitude of 1.5mm
	Destructive	10 ~ 55Hz at double amplitude of 1.5mm
Shock resistance	Functional	10G Min
	Destructive	50G Min
Endurance(operations)	Mechanical(at 10,800ps.h)	10,000,000 times
	Electrical(at 10,800ps.h)	100,000 times
Ambient temperature	-30℃ ~ +70℃(no condensation)	
Unit weight	Approx.2.1g	

Coil Data(at 20℃)

Nominal voltage (VDC)	Nominal operating current ± 10% (mA)	Coil resistance ± 10% (Ω)	Allowable voltage (Max.)	Pick-up voltage (Max.)	Drop-out voltage (Min.)	Nominal operating power
2	75.19	26.6	130%of nominal voltage	75%of nominal voltage	5%of nominal voltage	0.15W
3	50.00	60				
5	30.12	166				
6	25.00	240				
9	16.67	540				
12	12.50	960				
24	6.25	3,840	130%of nominal voltage	75%of nominal voltage	5%of nominal voltage	0.20W
2	100.00	20				
3	66.67	45				
5	40.00	125				
6	33.33	180				
9	22.22	405				
12	16.67	720				
24	8.33	2,880				

Safety Approval Ratings

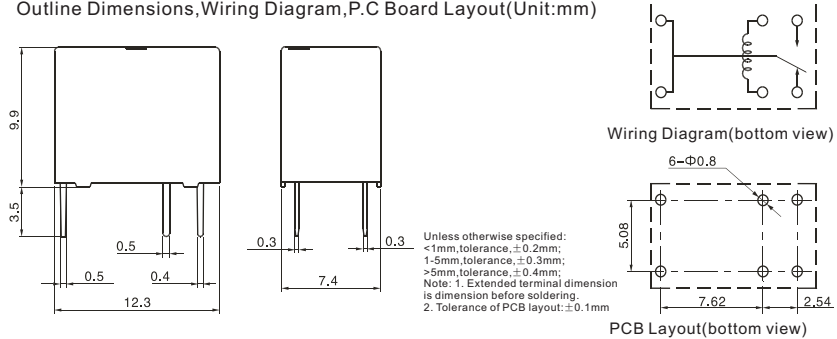
Approval	CQC	UL/TUV
Approval ratings	1A 125VAC	1A 125VAC 1A 30VDC

Ordering Information

Insulation System: Nil-Standard, B-Class B, F-Class F

Nomenclature			
YSA	-SS	-1	12 D -XX
Special parameter: Nil-Standard type Letter or number-Special requirement			
Coil Power: D-0.2W L-0.15W			
Coil Voltage: 02,03,05,06,09,12,24			
Number of Pole: 1-1 Pole			
Protective Construction: SS-Flux proofed SH-Sealed type washable			
Type Designation: YSA			

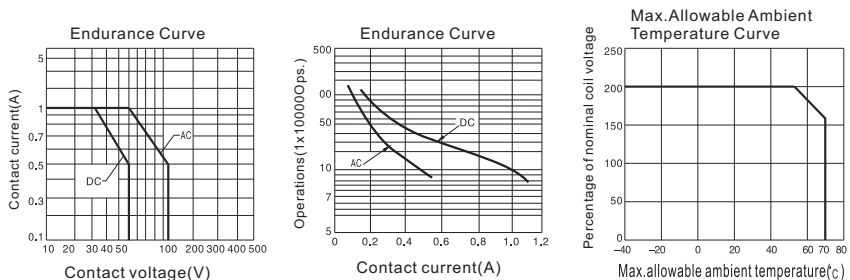
Outline Dimensions, Wiring Diagram, P.C Board Layout (Unit:mm)



Typical Applications

- Automation
- Computer Peripherals
- Telecommunication Equipment

Characteristic Curves



Note: Specifications and dimensions in this catalog are subjected to change without notice.