

## ● Features

- 15A switching capability
- 1 Form A and 1 Form C configurations
- Subminiature, standard PCB layout
- Plastic sealed and flux proofed types available
- Environmental friendly product (RoHS compliant)
- Dimensions: 19.0 x 15.5 x 15.0 mm



## ● Application

- Anti-Theft Security System / Power Door & Window / Wiper Control, etc.

## ● Contact Data

Contact Arrangement	1A, 1C
Contact Material	Ag Alloy
Contact Rating	15A 14VDC
Max. Switching Power	210W
Max. Switching Voltage	14VDC
Max. Switching Current	15A
Contact Resistance	≤ 100mΩ
Electrical Endurance	1x10 <sup>5</sup>
Mechanical Endurance	1x10 <sup>7</sup>

## ● Coil Parameter

### 0.64W Type

Coil Voltage (VDC)		Coil Resistance (Ω±10%)	Pickup Voltage(max) (VDC)	Release Voltage(min) (VDC)	Coil Power Consumption (W)
Rated	Max.				
9	11.7	127	5.85	0.45	0.64
12	15.6	225	7.80	0.60	
24	31.2	900	15.6	1.20	

## ● Coil Parameter

0.80W Type

Coil Voltage (VDC)		Coil Resistance ( $\Omega \pm 10\%$ )	Pickup Voltage(max) (VDC)	Release Voltage(min) (VDC)	Coil Power Consumption (W)
Rated	Max.				
9	11.7	101	5.85	0.45	0.80
12	15.6	180	7.80	0.60	
24	31.2	720	15.6	1.20	

## ● Operation Condition

Insulation Resistance		100M $\Omega$ min (at 500VDC)
Dielectric Strength	Between Contacts	750V
	Between Contact and Coil	1500V
Shock Resistance	Functional	98m/s <sup>2</sup>
	Endurance	980m/s <sup>2</sup>
Vibration Resistance		10~55Hz double amplitude 1.5mm
Ambient Temperature		-40~85°C
Operate Time		$\leq 10$ ms
Release Time		$\leq 5$ ms
Relative Humidity		5%~85%
Weight		Approx. 9.5g

## ● Ordering Information

	AG	-12D	80	-C	-S	(XXX)
<b>Model</b>						
<b>Coil Voltage</b>	9: 9VDC    12: 12VDC    24: 24VDC					
<b>Coil Power</b>	Nil: 0.64W    80: 0.80W					
<b>Contact Arrangement</b>	A: 1 Form A    C: 1 Form C					
<b>Construction</b>	Nil: Flux tight    S: Sealed					
<b>Special Code</b>	Nil: Standard    XXX: Customer special requirement					

## ● Dimensions (UNIT: mm)

Outline Dimensions

Mounting

(Bottom views)

Wiring Diagram

(Bottom views)

