



Part No.

HRG32

Industrial Relay

ISO9001 ISO14001

Features:

- ⇨ Size :18.6×10.4×15.8(mm)
- ⇨ Max.10A switching capability
- ⇨ High sensitive : 200mW
- ⇨ 1 Form C ,1 Form A



Odering Information

HRG32 - S - DC12V - A - X
 ① ② ③ ④ ⑤

- ① Part No.
- ② Enclosure :Plastic sealed
- ③ Coil Voltage :
DC3, 5 ,6 ,9,12, 24V
- ④ Contact form:
C : 1C/O A: 1N/O
- ⑤ Special requirment

Specification:

Contact		Characteristics	
Contact Form	1C,1A	Insulation resistance	Min 1000MΩ(500VDC)
Contact Material	Ag Alloy	Dielectric Strength	Between contact 1000VAC 1min Between coil &contact A / C:3500/2500(VAC)1min
Contact Resistance	100 mΩ(6VDC 0.1A)	Operate time	≤10 ms
Contact Rating(Resistance Load)		Release time	≤ 5 ms
A: 10 A 125VAC, 5A 250VAC/30VDC (450mW)		Shock Resistanc	Enduranc 100 m/s ² Damage 1000 m/s ²
A: 3A 250VAC/30VDC (200mW)		Vibration Resistance	10-55 HZ 1.5mm DA
C: 3A 250VAC/30VDC		Humidity	35%-95% RH
Max Switching Voltage	250VAC/30VDC	Ambient Temperature	-40 °C to 85°C
Max Switching Current	10A	Weight	Approx. 6.0g
Max Switching Power	1250VA 280W		
Electrical Life	100,000 ops		
Mechanical Life	5,000,000 ops		

Noted :the data are initial value

Coil Data:

at 23°C

High Sebsitivity (200mW) 1 Form A

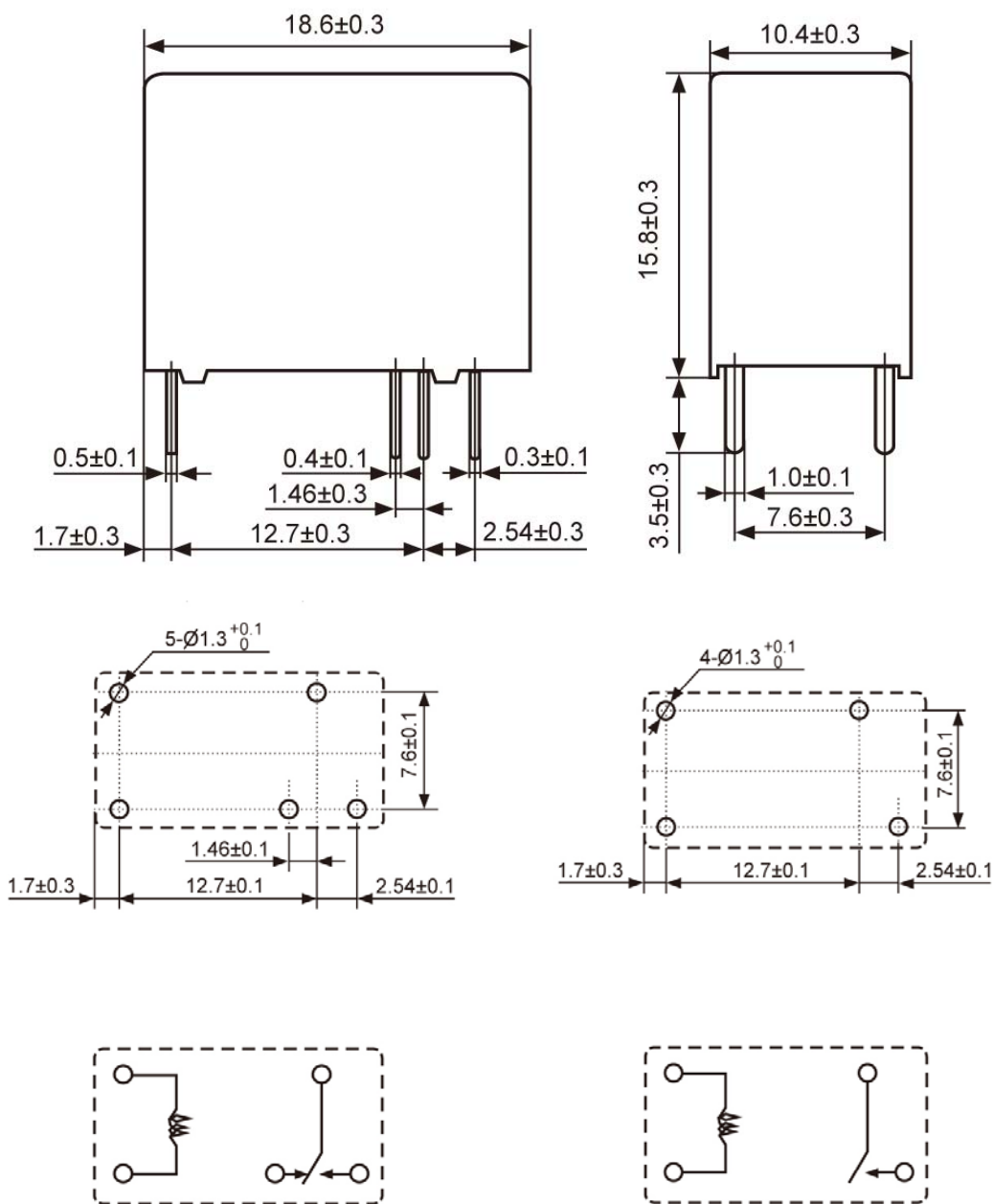
Nominal Voltage VDC	Operate Voltage Max VDC	Release Voltage Min VDC	Max Voltage VDC	Coil Resistance Ω +/- 10%
3	2.25	0.15	4.50	45
5	3.75	0.25	7.50	125
6	4.50	0.30	9.00	180
9	6.75	0.45	13.50	400
12	9.00	0.60	18.00	720
24	18.00	1.20	36.00	2800

Standard (450mW)

Nominal Voltage VDC	Operate Voltage Max VDC	Release Voltage Min VDC	Max Voltage VDC	Coil Resistance Ω +/- 10%
3	2.25	0.15	3.90	20
5	3.75	0.25	6.50	55
6	4.50	0.30	7.80	80
9	6.75	0.45	11.70	180
12	9.00	0.60	15.60	320
24	18.00	1.20	31.20	1280

Dimension(mm)

Tolerance ± 0.2



1C

1A