



Part No.

HRG21

Industrial Relay

ISO9001 ISO14001

Features:

- ↳ Size :21.0×16.0×20.5(mm)
- ↳ Max.20A switching capability
- ↳ High temperature load
- ↳ 1 Form C ,1 Form A, 1 Form B



Ordering Information

HRG21 - S - DC12V - C - 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 B :1N/C
- ⑤ Special requirement

Specification:

Contact		Characteristics	
Contact Form	1A, 1B, 1C	Insulation resistance	Min 1000MΩ(500VDC)
Contact Material	Ag Alloy	Dielectric Strength	Between contact 1000VAC 1min Between coil &contact 2500VAC 1min
Contact Resistance	100 mΩ(6VDC 1A)	Operate time	≤10 ms
Contact Rating(Resistance Load)	A: 20A 125VAC/ 16A 250VAC C: NO:16A 250VAC NC:10A 250VAC	Release time	≤ 5 ms
Max Switching Voltage	400VAC/30VDC	Shock Resistance	Enduranc 100 m/s ² Damage 1000 m/s ²
Max Switching Current	20A(1A),17A(1C)	Vibration Resistance	10-55 HZ 1.5mm DA
Max Switching Power	1800VA 240W	Humidity	535%-95% RH
Electrical Life	100,000 ops	Ambient Temperature	-40 °C to 85°C
Mechanical Life	5,000,000 ops	Weight	Approx. 14.0g

Noted :the data are initial value

Coil Data: at 23°C
(360mW)

Nominal Voltage VDC	Operate Voltage Max VDC	Release Voltage Min VDC	Max Voltage VDC	Coil Resistance Ω +/- 10%
3	2.25	0.30	3.90	25
5	3.50	0.50	6.50	70
6	4.50	0.60	7.80	100
9	6.75	0.90	11.70	225
12	9.00	1.20	15.60	400
24	18.00	2.40	31.20	1600

Dimension(mm)

Tolerance ± 0.2

