



Part No.
HRG77

Industrial Relay

Features:

- ⇨ Size :18.4×15.2×10.2(mm)
- ⇨ Max.12A switching capability
- ⇨ High sensitive
- ⇨ 1 Form A
- ⇨ Low profile, flat construction



Ordering Information

HRG77 - 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:
A: 1 N/O
- ⑤ Special requirement

Specification:

Contact		Characteristics	
Contact Form	1A	Insulation resistance	Min 100MΩ(500VDC)
Contact Material	Ag Alloy	Dielectric Strength	Between contact 1000VAC 1min Between coil &contact 2500VAC 1min
Contact Resistance	100 mΩ(6VDC 0.1A)	Operate time	≤ 8 ms
Contact Rating(Resistance Load)	10 A 250VAC/30VDC 12 A 125VAC	Release time	≤ 5 ms
Max Switching Voltage	300VAC/30VDC	Shock Resistance	Endurance 100 m/s ² Damage 1000 m/s ²
Max Switching Current	12A	Vibration Resistance	10-55 HZ 1.5mm DA
Max Switching Power	3000VA 360W	Humidity	35%-95% RH
Electrical Life	100,000 ops	Ambient Temperature	-40 °C to 85°C
Mechanical Life	5,000,000 ops	Weight	Approx. 6.0g

Noted :the data are initial value

Coil Data: at 23°C
(450 mW)

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	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	0.90	15.60	320
24	18.00	1.20	31.20	1280

Dimension(mm)

Tolerance ± 0.2

