



ISO 9001 ISO14001

Part No.

HRA2

Automotive Relay

Features:

- ⇒ Size :17.3×14.8×19.5(mm)
- ⇒ Max.20A switching capability
- ⇒ Open and sealed frame both available
- ⇒ Numerous contact arrangements



Ordering Information

HRA2 - S - DC12V - C - X
 ① ② ③ ④ ⑤

- ① Part No.
- ② S :Plastic sealed Nil:Open type
- ③ Coil Voltage :
DC 5 ,6, 9,12, 24V
- ④ Contact form:
A : 1 Form A , C 1 Form C
U V W
- ⑤ Special requirement

Specification:

Contact		Characteristics	
Contact Form	A, C,U,V ,W	Insulation resistance	Min 100MΩ(500VDC)
Contact Material	Ag Alloy	Dielectric Strength	Between contact 550VAC 1min Between coil &contact 1000VAC 1min
Contact Resistance	100 mΩ(6VDC 1A)	Operate time	≤ 5ms
Contact Rating(Resistance Load)		Release time	≤ 3ms
A /C: 15A 14VDC		Shock Endurance	100 m/s ²
U/V/W : 2 ×10 A 14VDC		Resistance Damage	1000 m/s ²
Max Switching Voltage	75VDC	Vibration Resistance	10-55 HZ 1.5mm DA
Max Switching Current		Humidity	35%-95% RH
Max Switching Power	280W	Ambient Temperature	-40 °C to 85°C
Electrical Life	100,000 ops	Weight	Approx. 12.0g
Mechanical Life	1,000,000 ops	Noted :the data are initial value	

Coil Data: at 23°C

(1.1 W)

Nominal Voltage VDC	Operate Voltage Max VDC	Release Voltage Min VDC	Max Voltage VDC	Coil Resistance Ω +/- 10%
5	3.50	0.50	6.50	23
6	4.20	0.60	7.80	33
9	6.30	0.90	11.70	74
12	8.40	1.20	15.60	131
24	16.80	2.40	31.20	524

