



Part No.

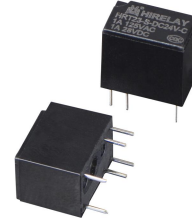
HRT23

Signal Relay

ISO9001 ISO14001

**Features:**

- ⇒ Small Size :12.3×7.3×10.2(mm)
- ⇒ Max.2A switching capability
- ⇒ High sensitive :150mW
- ⇒ 1 Form C configuration



**Odering Information**

HRT23 - S - DC12V - C

①                      ②                      ③                      ④

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

**Specification:**

Contact		Characteristics	
Contact Form	1 Form C	Insulation resistance	Min 100MΩ(500VDC)
Contact Material	Ag Alloy	Dielectric Strength	Between contact 500VAC 1min Between coil &contact 1100VAC 1min
Contact Resistance	50 mΩ(6VDC 0.1A)	Operate time	≤5 ms
Contact Rating(Resistance Load)	1A 125VAC/24VDC	Release time	≤5 ms
	1A 125VAC/24VDC	Shock Endurance	100 m/s <sup>2</sup>
Max Switching Voltage	125VAC/30VDC	Resistance Damage	1000 m/s <sup>2</sup>
Max Switching Current	2A	Vibration Resistance	10-55 HZ 1.5mm DA
Max Switching Power	250VA 48W	Humidity	35%-95% RH
Electrical Life	100,000 ops	Ambient Temperature	-40 °C to 70°C
Mechanical Life	5,000,000 ops	Weight	Approx. 2.2g

**Noted** :the data are initial value

Coil Data:

at 23°C

Standard type (200mW)

Nominal Voltage VDC	Operate Voltage Max VDC	Release Voltage Min VDC	Max Voltage VDC	Coil Resistance Ω +/- 10%
3	2.40	0.30	6.00	45
5	4.50	0.50	10.00	125
6	4.80	0.60	12.00	180
9	7.00	0.90	18.00	405
12	9.60	1.20	24.00	720
24	19.20	2.40	48.00	2880

Sensitive type(150mW)

Nominal Voltage VDC	Operate Voltage Max VDC	Release Voltage Min VDC	Max Voltage VDC	Coil Resistance $\Omega$ +/- 10%
3	2.40	0.30	6.00	60
5	4.00	0.50	10.00	167
6	4.80	0.60	12.00	240
9	7.00	0.90	18.00	540
12	9.60	1.20	24.00	960
24	19.20	2.40	48.00	3840

Dimension(mm)

Tolerance  $\pm 0.2$

