



HRS3 Relay


No.1063016


E164730


CQC02001001300


50075616



1.COIL DATA

1-1.Nominal Voltage	3,5,6,9,12,24VDC
1-2.Coil Resistance	Refer to Coil Data Chart
1-3.Operate Voltage	Refer to Coil Data Chart
1-4.Release Voltage	Refer to Coil Data Chart
1-5.Nominal Power	200mW、450mW

2.CONTACT DATA

2-1.Contact Form	A-1 Form A,C- 1 Form C
2-2.Contact Material	Ag Alloy
2-3.Contact Rating	1A : 10A 125VAC, 5A 250VAC/30VDC(Standard) 1C: NO/NC: 5A/3A 250VAC/30VDC(Standard)
2-4.Max.Switching Voltage	250VAC/30VDC
2-5.Max.Switching Current	10A
2-6.Max.Switching Power	1,250VA,150W
2-7.Min.Switching Load	5VDC,100mA
2-8.Contact Resistance	Max 100mΩ (6VDC 1A)
2-9.Life	
Electrical	100,000 operations
Mechanical	10,000,000 operations

3.GENERAL DATA

3-1.Insulation Resistance	Min.1000MΩ 500VDC
3-2.Dielectric Strength	1,000VAC,1 Min between open contacts A: 3,500VAC,1 min between coil and contacts C: 2,500VAC,1 min between coil and contacts
3-3.Operate Time	Max.10ms
3-4.Release Time	Max.5ms
3-5.Operate Temperature	-40 ~ +85℃
3-6.Shock Resistance	
Endurance	1,000m/s ²
Misoperation	100m/s ²
3-7.Vibration Resistance	
Endurance	10 ~ 55Hz,1.5mm double amplitude
Misoperation	10 ~ 55Hz,1.5mm double amplitude
3-8.Humidity	35%~95%RH,+40℃
3-9.Weight	约6g
3-10.Safety	UL NO.E164730

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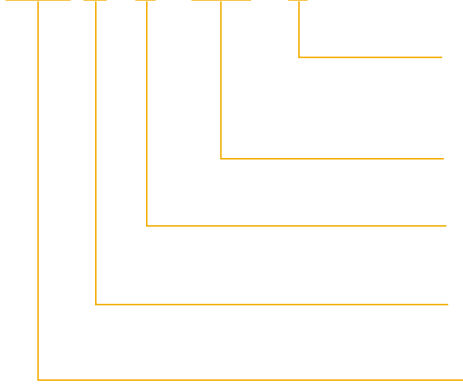

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4. ORDER CODE

HRS3 H - S - DC5V - A



CONTACT FORM
A- 1 Form A
C- 1 Form C

COIL VOLTAGE
DC3V, DC5V, DC6V, DC9V, DC12V, DC24V

ENCLOSURE
S - Plastic Sealed Type

H-High Sensitivity(200mW)
NIL-Standard(450mW)

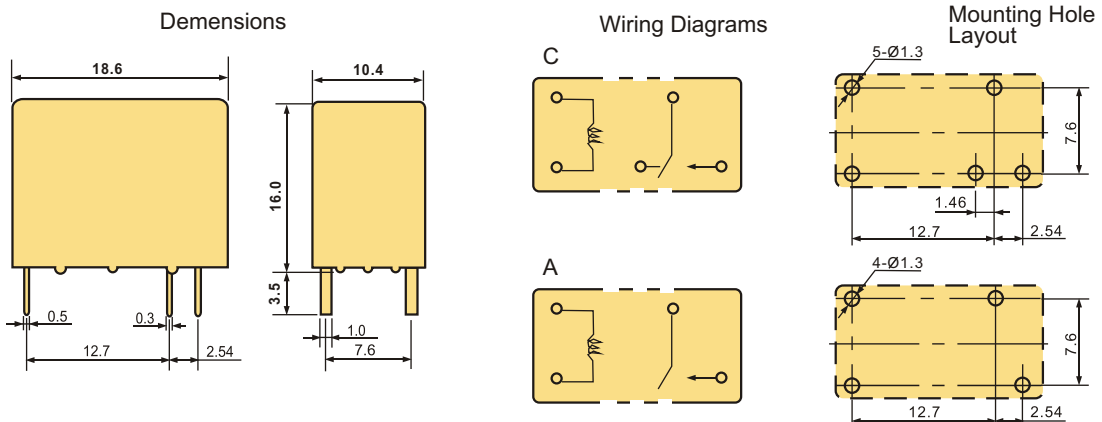
RELAY MODEL

5. COIL DATA CHART

20°C

Model	Nominal Voltage VDC	Coil Resistance Ω +/-10%	Operate Voltage \leq VDC		Release Voltage \geq VDC	Coil Power mW
			A type	C type		
HRS3(S)-DC3V	3	20	2.1	2.1	0.3	450
HRS3(S)-DC5V	5	55	3.5	3.5	0.5	
HRS3(S)-DC6V	6	80	4.2	4.2	0.6	
HRS3(S)-DC9V	9	180	6.3	6.3	0.9	
HRS3(S)-DC12V	12	320	8.4	8.4	1.2	
HRS3(S)-DC24V	24	1280	16.8	16.8	2.4	
HRS3H(S)-DC3V	3	45	2.1	2.25	0.3	200
HRS3H(S)-DC5V	5	125	3.5	3.75	0.5	
HRS3H(S)-DC6V	6	180	4.2	4.5	0.6	
HRS3H(S)-DC9V	9	405	6.3	6.75	0.9	
HRS3H(S)-DC12V	12	720	8.4	9.0	1.2	
HRS3H(S)-DC24V	24	2880	16.8	18.0	2.4	

6. DIMENSIONS (mm)



7.HRS3 CHARACTERISTIC CHART DATA

