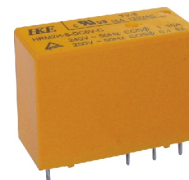


HRM2 Relay



1. COIL DATA

1-1.Nominal Voltage	3,5,6,9,12,24,48VDC
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	540mW、720mW

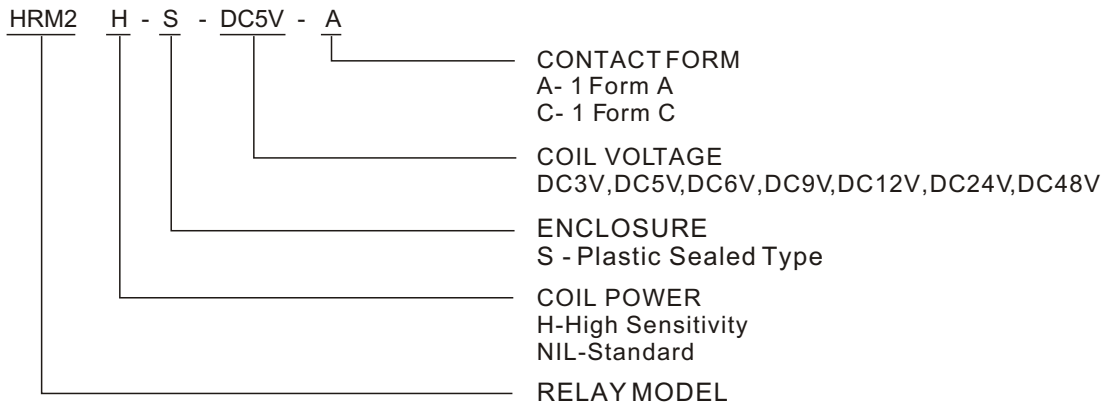
2. CONTACT DATA

2-1.Contact Form	A- 1 Form A ,C- 1 Form C
2-2.Contact Material	Ag Alloy
2-3.Contact Rating	Resistive:16A 250VAC/30VDC,TV-8 Inductive:8A 250VAC/30VDC(COS Φ=0.4,L/R=7ms)
2-4.Max.Switching Voltage	250VAC/30VDC
2-5.Max.Switching Current	16A
2-6.Max.Switching Power	4,000VA,480W
2-7.Min.Switching Load	5VDC,100mA
2-8.Contact Resistance	Max 50m Ω (6VDC 1A)
2-9.Life	
Electrical	100,000 operations
Mechanical	10,000,000 operations

3. GENERAL DATA

3-1.Insulation Resistance	Min.1000M Ω 500VDC
3-2.Dielectric Strength	1,000VAC,1 min between open contacts 4,000VAC,1 min between coil and contacts
3-3.Operate Time	Max.15ms
3-4.Release Time	Max.8ms
3-5.Operate Temperature	-30 ~+55 °C(720mW) -30 ~+70 °C(540mW)
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 °C
3-9.Weight	Approximately 13g
3-10.Safety	UL NO.E164730 TUV NO.5002823 CSA NO.1063015(LR 106040) CQC NO.02001001670

4. ORDER CODE

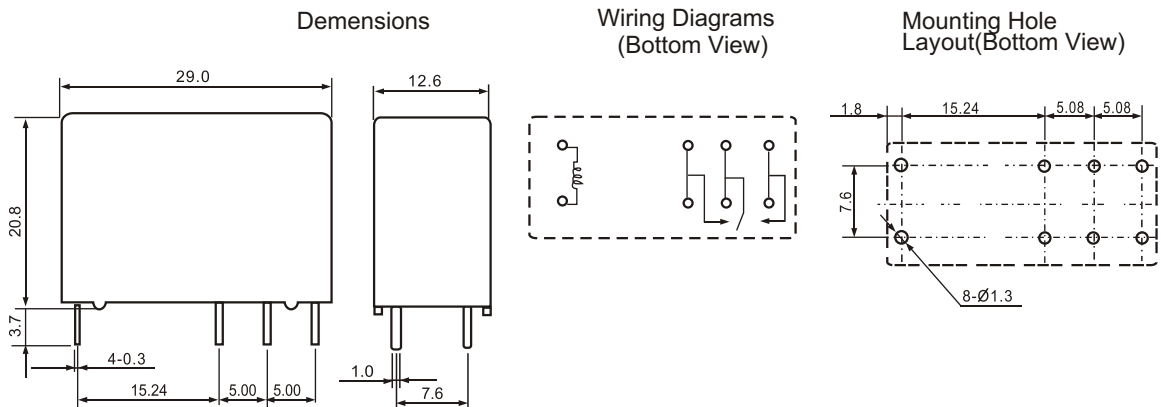


5.COIL DATA CHART

20°C

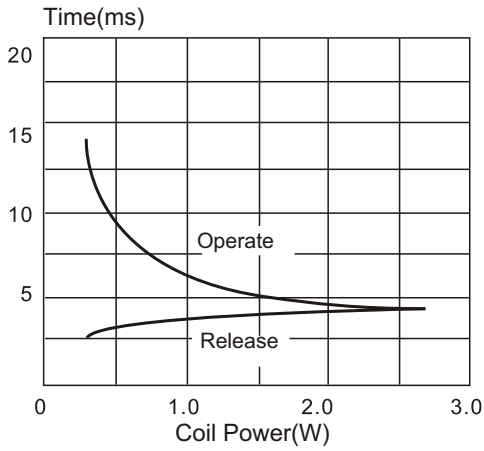
Model	Nominal Voltage VDC	Coil Resistance Ω +/-10%	Operate Voltage \leq VDC	Release Voltage \geq VDC	Coil Power mW
HRM2-(S)-DC3V	3	12.5	2.25	0.15	720
HRM2-(S)-DC5V	5	35	3.75	0.25	
HRM2-(S)-DC6V	6	50	4.50	0.30	
HRM2-(S)-DC9V	9	112.5	6.75	0.45	
HRM2-(S)-DC12V	12	200	9.0	0.60	
HRM2-(S)-DC24V	24	800	18.0	1.20	
HRM2-(S)-DC48V	48	3200	36.0	3.40	
HRM2H-(S)-DC3V	3	17	2.25	0.15	540
HRM2H-(S)-DC5V	5	46	3.75	0.25	
HRM2H-(S)-DC6V	6	67	4.50	0.30	
HRM2H-(S)-DC9V	9	150	6.75	0.45	
HRM2H-(S)-DC12V	12	267	9.0	0.60	
HRM2H-(S)-DC24V	24	1067	18.0	1.20	
HRM2H-(S)-DC48V	48	4267	36.0	2.40	

6.DIMENSIONS (mm)

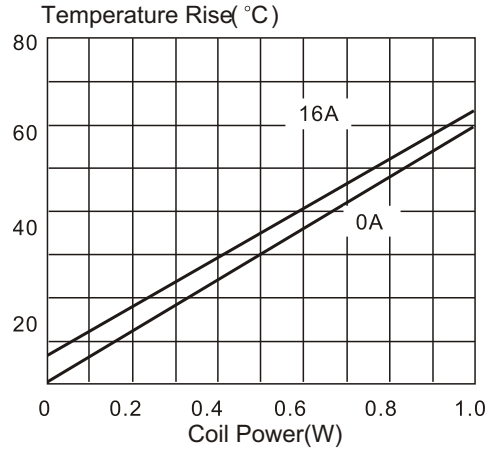


7.HRM2 CHARACTERISTIC CHART DATA

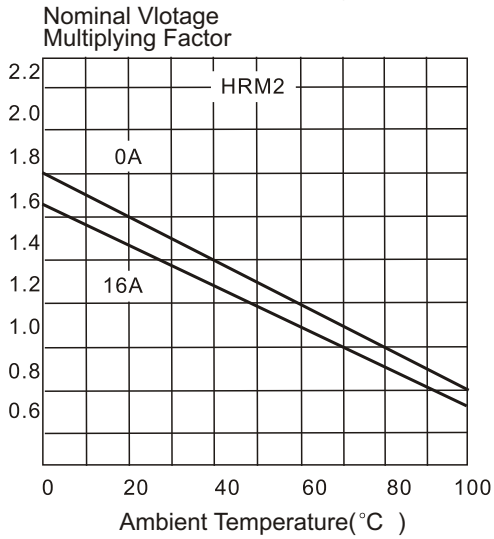
Timing



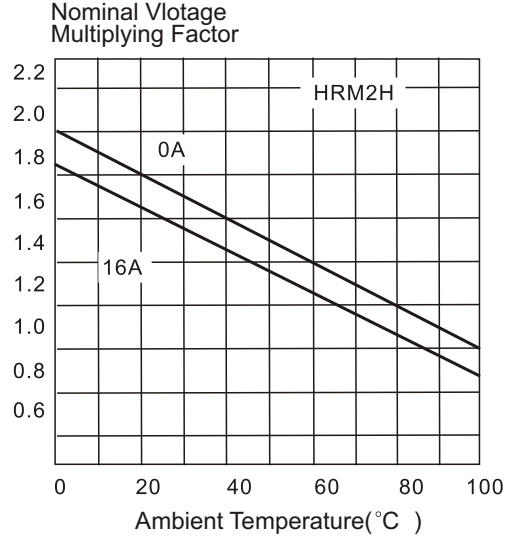
Coil Temperature Rise



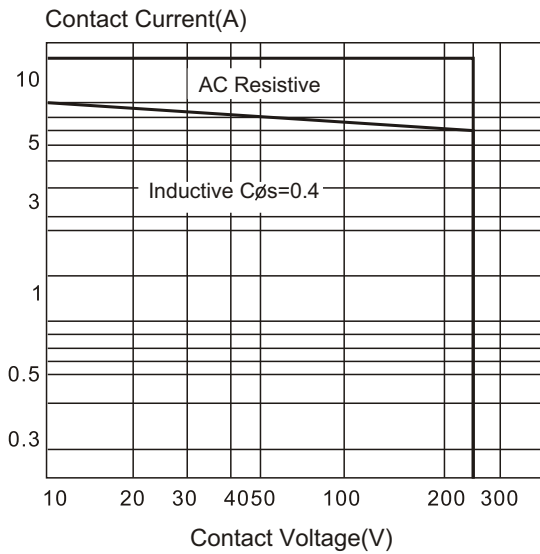
Operate Range



Operate Range



Max.Switching Power



Life Curves

