



HCP3 Relay


No.50097843


E164730


CQC07001021907



1.COIL DATA

1-1.Nominal Voltage	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	400mW

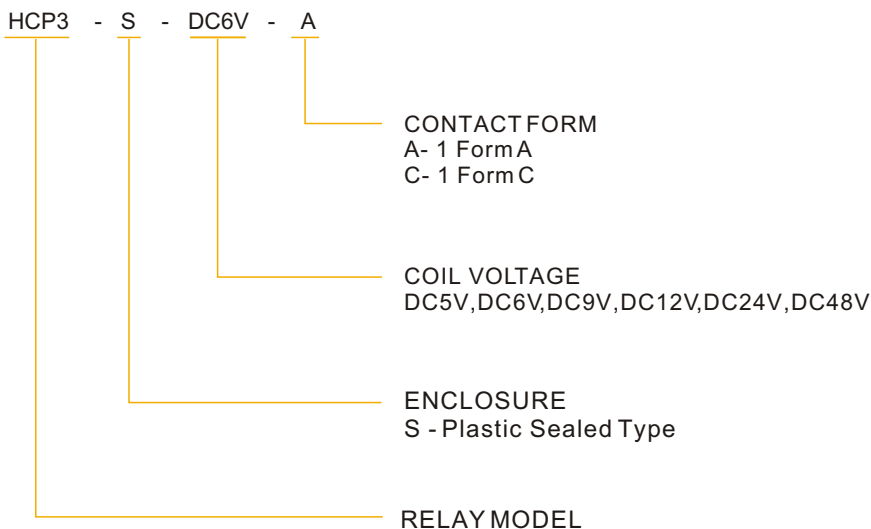
2.CONTACT DATA

2-1.Contact Form	A-1 Form A ,C-1 Form C
2-2.Contact Material	AgAlloy
2-3.Contact Rating	Resistive: 16A 250VAC/30VDC Inductive: 8A 250VAC Cos ϕ =0.4
2-4.Max.Switching Voltage	380VAC/30VDC
2-5.Max.Switching Current	16A
2-6.Max.Switching Power	4000VA,240W
2-7.Min.Switching Load	5VDC,100mA
2-8.Contact Resistance	Max 100m Ω (6VDC 1A)
2-9. Life	
Electrical	100,000 operations 50,000operations (Resistive:Cos ϕ =0.4,L/R=7ms)
Mechanical	20,000,000 operations

3.GENERAL DATA

3-1.Insulation Resistance	Min.10000M Ω 500VDC
3-2.Dielectric Strength	1,000VAC,1min between open contacts 5,000VAC,1min between coil and contacts
3-3.Operate Time	Max.10ms
3-4.Release Time	Max.5ms
3-5.Operate Temperature	-40 ~+85°C
3-6.Shock Resistance	
Endurance	1,000m/s ²
Misoperation	1,00m/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 13.0g
3-10.Safety	UL NO.E164730 TUV NO.50097843 CQC NO.07001021907

4. ORDER CODE



5. COIL DATA CHART

20°C

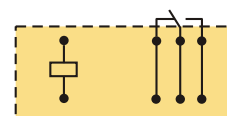
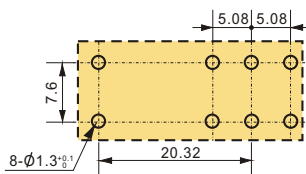
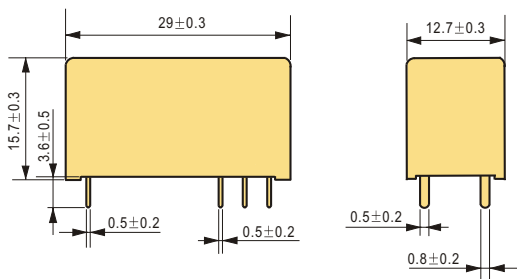
Model	Nominal Voltage VDC	Coil Resistance Ω +/-10%	Operate Voltage \leq VDC	Release Voltage \geq VDC	Coil Power mW
HCP3-(S)-DC5V	5	62.5	3.5	0.5	400
HCP3-(S)-DC6V	6	90.0	4.2	0.6	
HCP3-(S)-DC9V	9	202.5	6.3	0.9	
HCP3-(S)-DC12V	12	360	8.4	1.2	
HCP3-(S)-DC24V	24	1440	16.8	2.4	
HCP3-(S)-DC48V	48	5760	33.6	4.8	

6. DIMENSIONS (mm)

Dimensions

Wiring Diagrams (Bottom View)

Mounting Hole Layout (Bottom View)



7.HCP3 CHARACTERISTIC CHART DATA

