



HCP4 Relay

VDE
40024317

UL US
E164730

CQC
CQC07001021787



1.COIL DATA

1-1.Nominal Voltage	5,6,12,24,48VDC
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	220-290mW

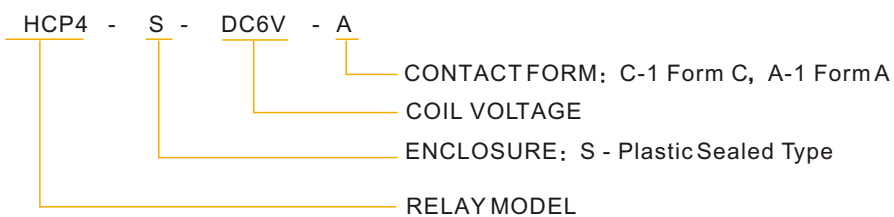
2.CONTACT DATA

2-1.Contact Form	A-1 Form A ,C-1 Form C
2-2.Contact Material	AgAlloy
2-3.Contact Rating	8A 250VAC/24VDC
2-4.Max.Switching Voltage	400VAC/24VDC
2-5.Max.Switching Current	8A
2-6.Max.Switching Power	2000VA,192W
2-7.Min.Switching Load	5VDC,100mA
2-8.Contact Resistance	Max 100mΩ(6VDC 1A)
2-9. Life	
Electrical	100,000 operations
Mechanical	20,000,000 operations

3.GENERAL DATA

3-1.Insulation Resistance	Min.100MΩ 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 8.0g
3-10.Safety	UL NO.E164730 VDE NO.40024317 CQC NO.07001021787

4. ORDER CODE

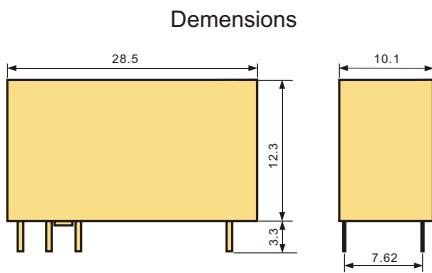


5.COIL DATA CHART

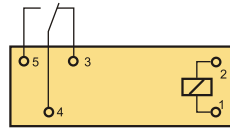
20°C

Model	Nominal Voltage VDC	Coil Resistance Ω +/-10%	Operate Voltage \leq VDC	Release Voltage \geq VDC	Coil Power mW
HCP4-(S)-DC5V	5	110	3.8	0.5	220-290
HCP4-(S)-DC6V	6	160	4.5	0.6	
HCP4-(S)-DC9V	9	360	6.8	0.9	
HCP4-(S)-DC12V	12	660	9.0	1.2	
HCP4-(S)-DC18V	18	1500	13.5	1.8	
HCP4-(S)-DC24V	24	2200	18.0	2.4	
HCP4-(S)-DC48V	48	8000	36.0	4.8	

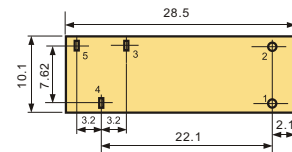
6.DIMENSIONS (mm)



Wiring Diagrams (Bottom View)



Mounting Hole Layout(Bottom View)



7.HCP4 CHARACTERISTIC CHART DATA

