

CMP7 Relay

1.COIL DATA

1-1.Nominal Voltage	5 to 48 VDC
1-2.Coil Resistance	Refer to Table 1
1-3.Operate Voltage	Refer to Table 1
1-4.Release Voltage	Refer to Table 1
1-5.Nominal Power Consumption	0.9 W



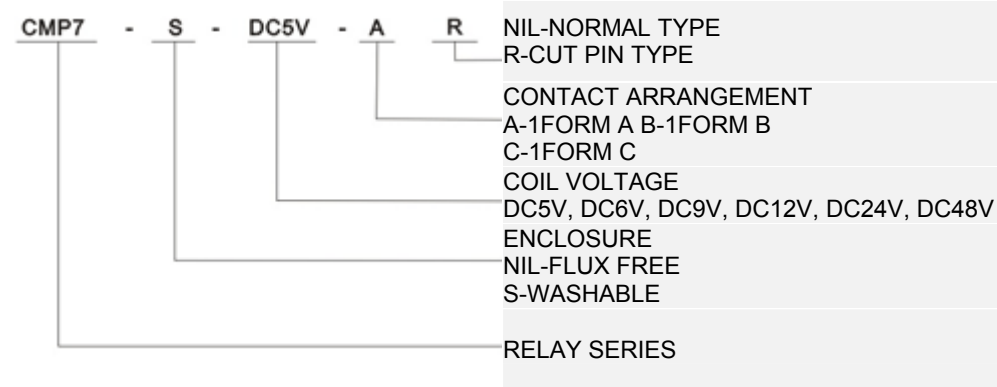
2.CONTACT DATA

2-1.Contact Arrangement	1 Form A , 1 Form C,1FormB
2-2.Contact Material	AgAlloy
2-3.Contact Rating	30A 240VAC / 24VDC (1 Form A) 20/ 15A 240VAC/24VDC (1 Form C)
2-4.Max. Switching Voltage	110 VDC / 240 VAC
2-5.Max. Switching Current	30A
2-6.Max. Switching Power	7200 VA , 720W
2-7.Contact Resistance (Initial)	≤50 mΩ.at 6VDC 1A
2-8.Life Expectancy	Electrical 100,000 operations at nominal load Mechanical 10,000,000 operations

3.GENERAL DATA

3-1.Insulation Resistance	Min.1000MΩ at 500 VDC
3-2.Dielectric Strength	1,500VAC , 1min between open contacts 2,500VAC , 1min between contacts and coil
3-3.Operate Time	Max. 15ms
3-4.Release Time	Max. 10ms
3-5.Temperature Range	-30 to +85 °C
3-6.Shock Resistance	Endurance 1,000m/s ² Misoperation 100m/s ²
3-7.Vibration Resistance	Endurance 10 to 55 Hz ,1.5mm Double Amplitude Misoperation 10 to 55 Hz ,1.5mm Double Amplitude
3-8.Heating	85%RH
3-9.Weight	36gr.
3-10.Safety Standard	UL NO.E164730 TUV NO.R2033402 VDE NO.40009646 CQC NO.02001001303

4.ORDERING CODE



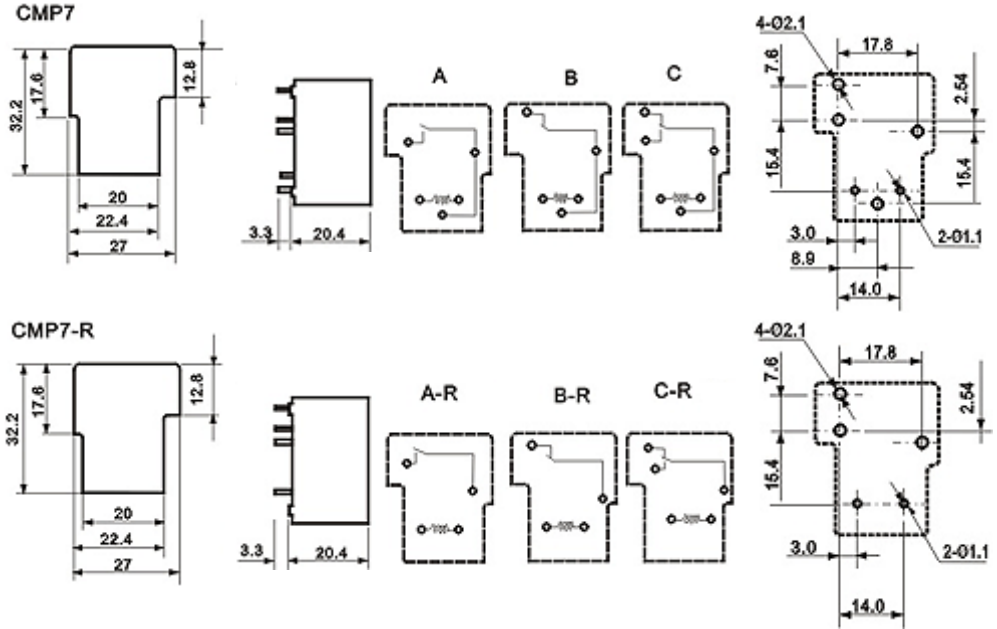
5.COIL DATA CHART

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ORDERING CODE	COIL VOLTAGE VDC	COIL RESISTANCE Ω +/- 10%	OPERATE VOLTAGE VDC	RELEASE VOLTAGE VDC	POWER CONSUMPTION mW
CMP7-(S)-DC5V	5	27	3.5	0.50	900
CMP7-(S)-DC6V	6	40	4.2	0.60	
CMP7-(S)-DC9V	9	97	6.3	0.90	
CMP7-(S)-DC12V	12	155	8.4	1.20	
CMP7-(S)-DC24V	24	660	16.8	2.40	
CMP7-(S)-DC48V	48	2560	33.6	4.80	

Table1

6.DIMENSIONS (in mm)



7.CMP7 CHARACTERISTIC DATA

