

CMA4 Relay



1.COIL DATA

1-1.Nominal Voltage	6,9,12,24VDC
1-2.Coil Restistance	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.Coil Power	1600mW

2.CONTACT DATA

2-1.Contact Form	C-1 form C, A-1 form A
2-2.Contact Material	Ag Alloy
2-3.Contact Rating	30A 14VDC Resistive (1C) 40A 14VDC Resistive (1A)
2-4.Max.Switching Voltage	75VDC
2-5.Max.Switching Current	40A
2-6.Max.Switching Power	420W(1C) 560W(1A)
2-7. Max.Load Current(12VDC Load Voltage)	

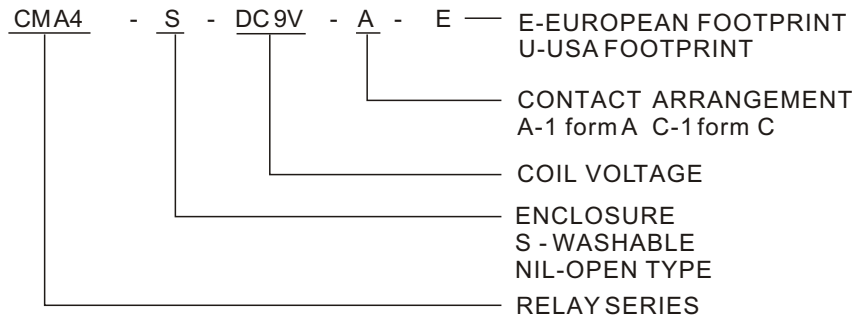
Load	A	C	
		NO	NC
Max.Carry Current	40A	40A	30A
Max.Make Current	100A	100A	30A
Max.Break Current	40A	40A	30A

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.100MΩ 500VDC
3-2.Dielectric Strength	500VAC,1min between open contacts 500VAC,1min between coil and contacts
3-3.Operate Time	Max.5ms
3-4.Release Time	Max.3ms
3-5.Operate Temperature	-40 ~ +85°C
3-6.Shock Resistance	100m/s ²
3-7. Vibration Resistance	10 -55Hz, Amplitude 1.5mm
3-8. Weight	Approximately 21g Approximately 15g(open))

4. ORDER CODE



5.COIL DATA CHART

20°C

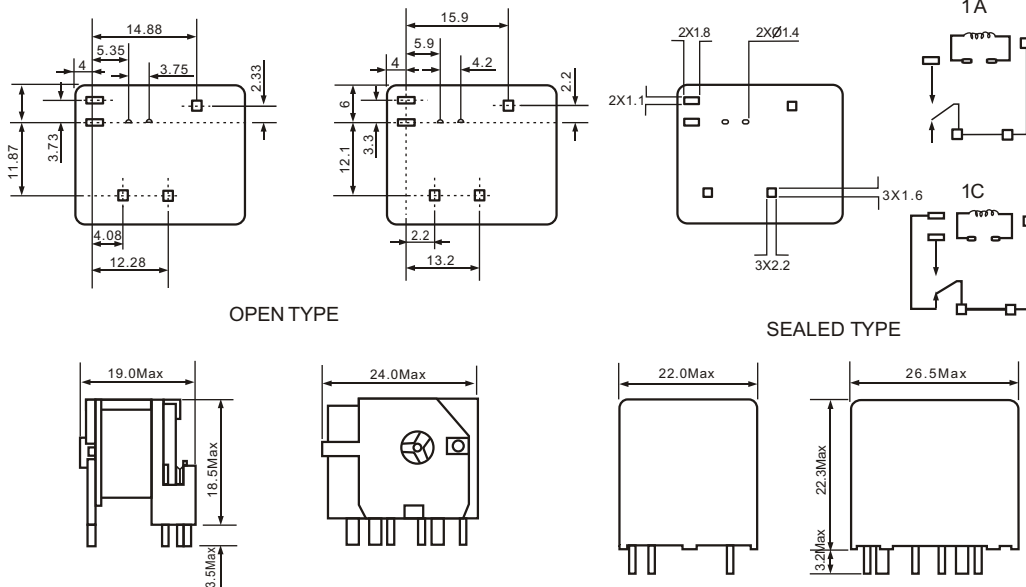
Model	Nominal Voltage VDC	Coil Resistance Ω $\pm 10\%$	Operate Voltage $\leq$ VDC	Release Voltage $\geq$ VDC	Coil Power mW
CMA4-(S)-DC6V	6	22.5	3.6	0.6	1600
CMA4-(S)-DC9V	9	51.0	5.4	0.9	
CMA4-(S)-DC12V	12	90.0	7.8	1.2	
CMA4-(S)-DC24V	24	360	14.4	2.4	

6.DIMENSIONS(mm)

USA FOOTPRINT(8mm)

EUROPEAN FOOTPRINT (11 mm) MOUNTING HOLES

WIRING DIAGRAMS



7. CMA4 CHARACTERISTIC DATA

