



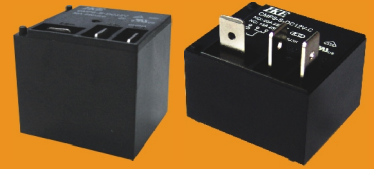
CMP8 Relay


No.50062810


40009646


E164730


CQC02001001306



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	900mW

2.CONTACT DATA

2-1.Contact Form	A-1 FormA,C-1 Form C
2-2.Contact Material	AgAlloy
2-3.Contact Rating	A : 30A 250VAC/24VDC C : NO : 20A 250VAC/24VDC NC : 15A 250VAC/24VDC
2-4.Max.Switching Voltage	250VAC/24VDC
2-5.Max.Switching Current	30A
2-6.Max.Switching Power	7500VA,720W
2-7.Min.Switching Load	5VDC,100mA
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.1000MΩ 500VDC
3-2.Dielectric Strength	1,500VAC,1min between open contacts 2,500VAC,1min between coil and contacts
3-3.Operate Time	Max.15ms
3-4.Release Time	Max.10ms
3-5.Operate Temperature	-30 ~+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 29.0g
3-10.Safety	CQC NO.02001001306 VDE NO.40009646 TUV NO.50062810 UL NO.E164730



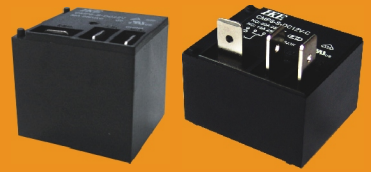
CMP8 Relay

No.50062810

VDE
40009646

UL US
E164730

CQC
CQC02001001306



4. ORDER CODE

CMP8 - S - DC5V - A

CONTACT FORM
A- 1 Form A
AT- 1 Form A (different from 1 form A)
C- 1 Form C

COIL VOLTAGE
DC5V, DC6V, DC9V, DC12V, DC24V, DC48V

ENCLOSURE
S - Plastic Sealed Type

RELAY MODEL

5. COIL DATA CHART

20°C

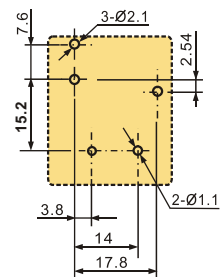
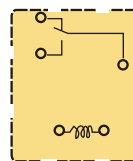
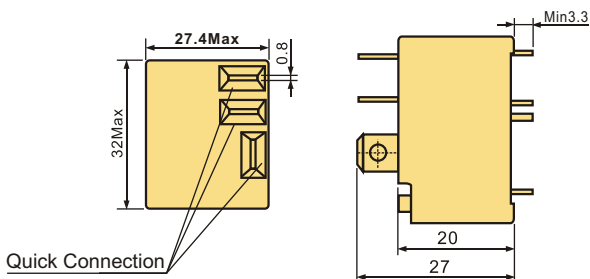
Model	Nominal Voltage VDC	Coil Resistance Ω +/-10%	Operate Voltage \leq VDC	Release Voltage \geq VDC	Coil Power mW
CMP8-(S)-DC5V	5	27.8	3.5	0.5	900
CMP8-(S)-DC6V	6	40.0	4.2	0.6	
CMP8-(S)-DC9V	9	90.0	6.3	0.9	
CMP8-(S)-DC12V	12	160	8.4	1.2	
CMP8-(S)-DC24V	24	640	16.8	2.4	
CMP8-(S)-DC48V	48	2560	33.6	4.8	

6. DIMENSIONS (mm)

Dimensions

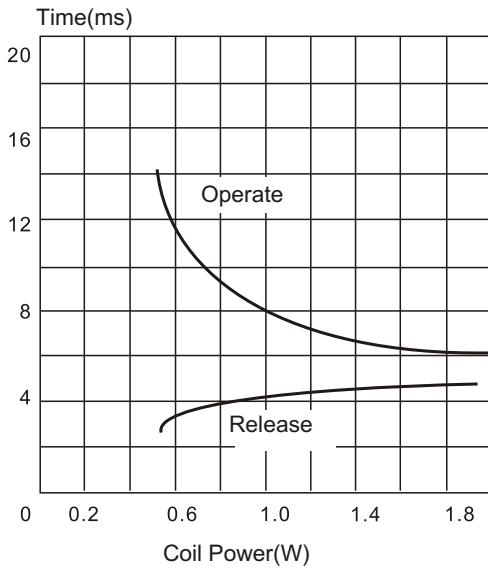
Wiring Diagrams
(Bottom View)

Mounting Hole
Layout (Bottom View)

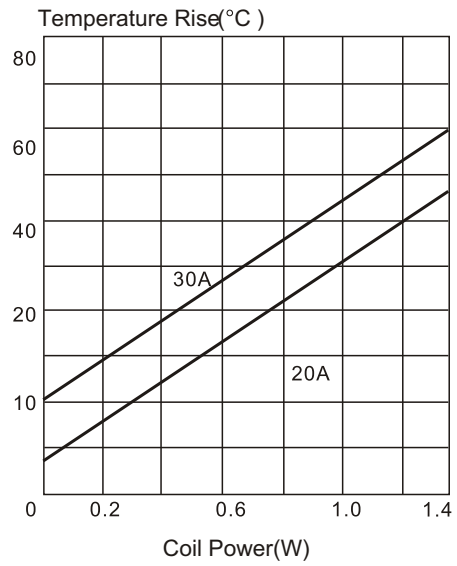


7. CMP8 CHARACTERISTIC CHART DATA

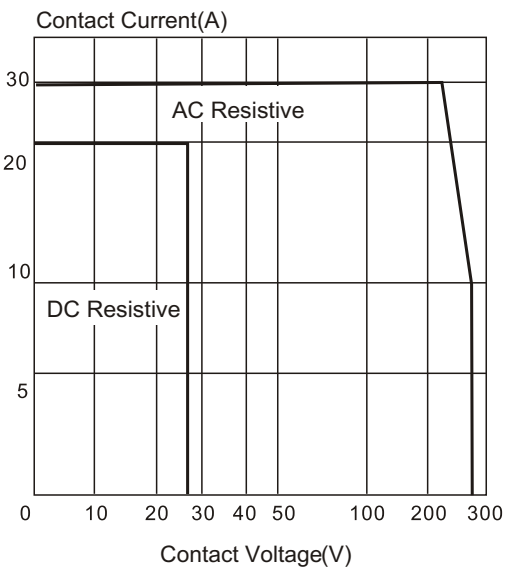
Timing



Coil Temperature Rise



Max. Switching Power



Life Curves

