



## Coil Data

Nominal voltage	: 12, 24V dc.
Coil resistance	: Refer to coil data chart.
Operate voltage	: Refer to coil data chart.
Release voltage	: Refer to coil data chart.
Nominal power	: 900mW.

## Contact Data

Contact form	: 1 form C.
Contact material	: AgAlloy
Contact rating	: No : 20A 250V ac / 24V dc NC : 15A 250V ac / 24V dc.
Maximum switching voltage	: 250V ac / 24V dc.
Maximum switching current	: 30A.
Maximum switching power	: 7,500VA, 720W.
Minimum switching load	: 5V dc, 100mA.
Maximum contact resistance	: 100m $\Omega$ (6V dc 1A).

## Life

Electrical	: 100,000 operations.
Mechanical	: 10,000,000 operations.

## General Data

Minimum insulation resistance	: 1,000M $\Omega$ 500V dc.
Dielectric strength	: 1,500V ac, 1 min between open contacts. 2,500V ac, 1 min between coil and contacts.
Maximum operate time	: 15ms.
Maximum release time	: 10ms.
Operate temperature	: -30 to +85°C.

## Shock Resistance

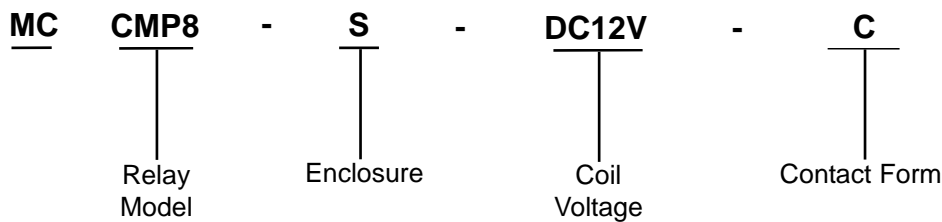
Endurance	: 1,000m/s <sup>2</sup> .
Misoperation	: 100m/s <sup>2</sup> .

## General Data

### Vibration Resistance

Endurance : 10-55Hz, 1.5mm double amplitude.  
 Misoperation : 10-55Hz, 1.5mm double amplitude.  
 Humidity : 35% to 95%RH, +40°C.

## Order Code

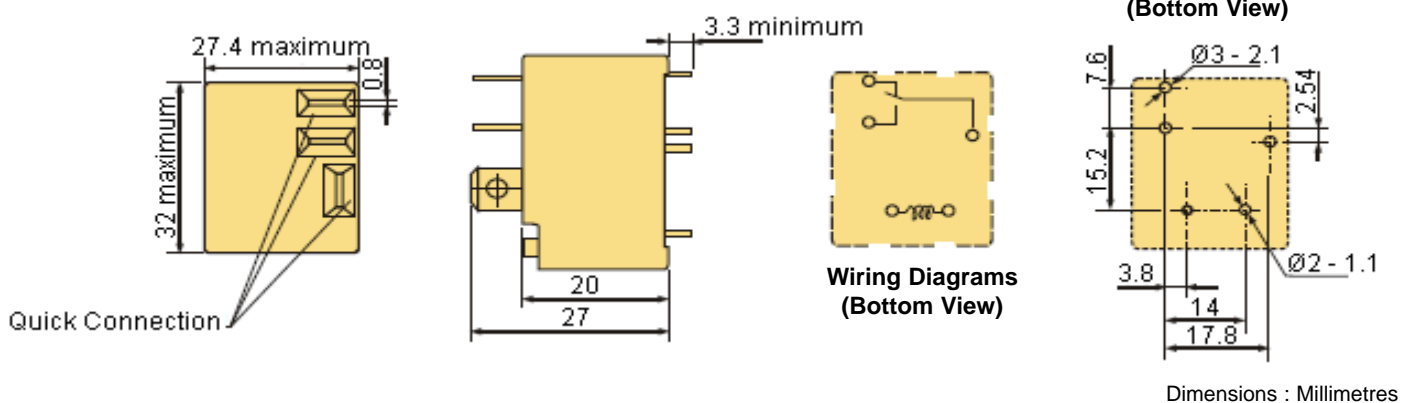


**Enclosure** : S = Plastic Sealed Type.  
**Coil Voltage** : 12 = DC12V, 24 = DC24V.  
**Contact Form** : C = 1 Form C.

## Coil Data Chart 20°C

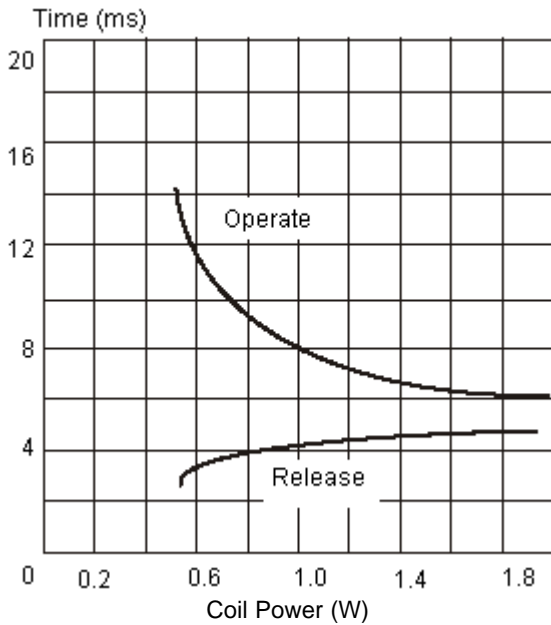
Description	Nominal Voltage V dc	Coil Resistance $\Omega \pm 10\%$	Operate Voltage $\leq V$ dc	Release Voltage $\geq V$ dc	Coil Power mW	Part Number
Relay, Power, SPDT, 12V dc Coil	12	160	8.4	1.2	900	MCCMP8-S-DC12V-C
Relay, Power, SPDT, 24V dc Coil	24	640	16.8	2.4		MCCMP8-S-DC24V-C

## Dimensions

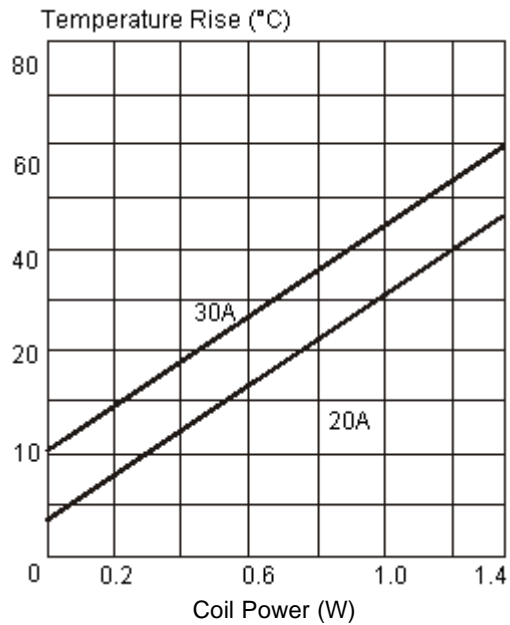


## Characteristic Chart Data

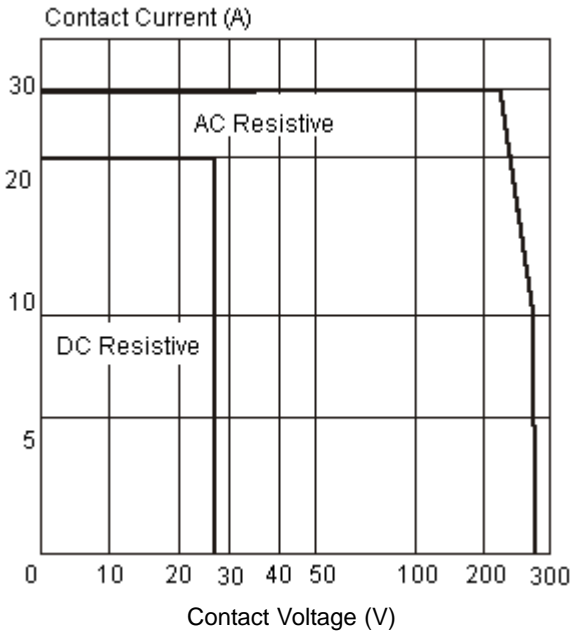
### Timing



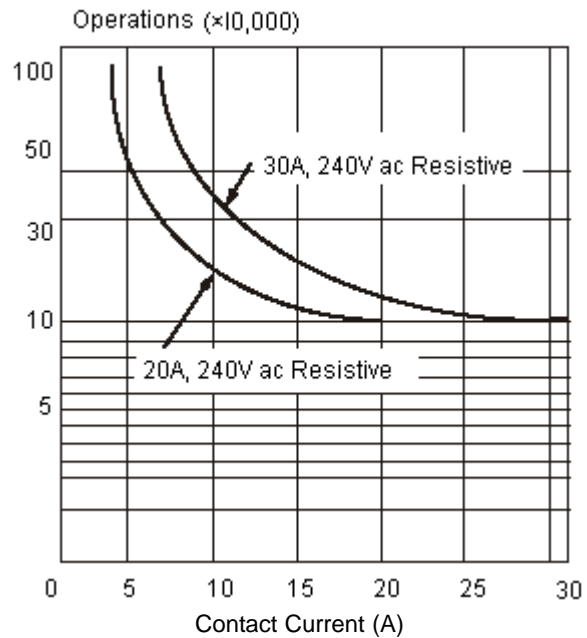
### Coil Temperature Rise



### Maximum Switching Power



### Life Curves



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