



## Contact Data

Contact form	: 2 form C.
Contact material	: Ag Alloy.
Contact rating	: Resistive: 5A 250V ac/24V dc, TV-5 Inductive: 5A 250V ac/24V dc (Cos Ø = 0.4, L/R = 7ms).
Maximum switching voltage	: 250V ac/24V dc.
Maximum switching current	: 5A.
Maximum switching power	: 1250VA, 120W.
Minimum switching load	: 5V dc, 100mA.
Maximum contact resistance	: Maximum 100mΩ (6V dc 1A).

## Life

Electrical (Standard)	: 100,000 operations
	: 20,000 operations (COS Ø=0.4, L/R = 7ms).
Mechanical	: 10,000,000 operations.

## General Data

Minimum insulation resistance	: 1000MΩ 500V dc.
Dielectric strength	: 1000V ac, 1 min between open contacts 4000V ac, 1 min between coil and contacts.
Operate time	: Maximum 15ms.
Release time	: Maximum 8ms.
Operate temperature	: -30 to +55°C (720mW) -30 to +70°C (540mW).

## Shock Resistance

Endurance	: 1000m/s <sup>2</sup> .
Misoperation	: 100m/s <sup>2</sup> .

## Vibration Resistance

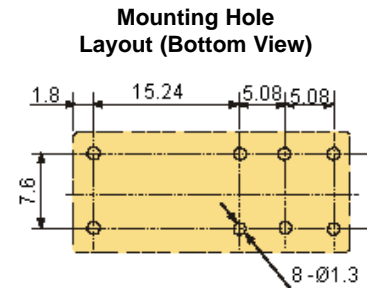
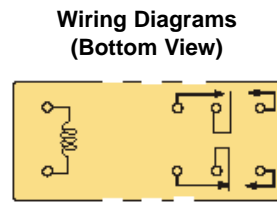
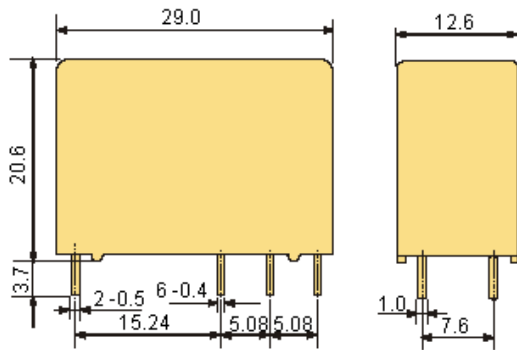
Endurance	: 10 to 55Hz, 1.5mm double amplitude.
Misoperation	: 10 to 55Hz, 1.5mm double amplitude.

Humidity	: 35% to 95%RH, +40°C.
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## Coil Data Chart 20°C

Nominal Voltage V dc	Coil Resistance $\Omega \pm 10\%$	Operate Voltage $\leq V$ dc	Release Voltage $\geq V$ dc	Coil Power mW	High Sensitivity Coil Power	Enclosure	Contact Form	Part Number
12	267	9.0	1.2	540	540mW	Plastic Sealed Type	2 form C	MC25117
24	1067	18.0	2.4					MC25123
48	4267	36.0	4.8					MC25130

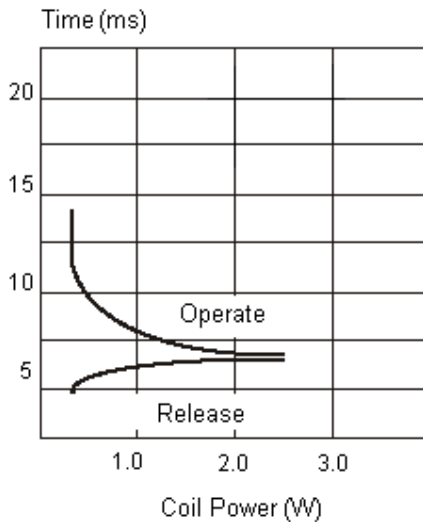
## Dimensions (mm)



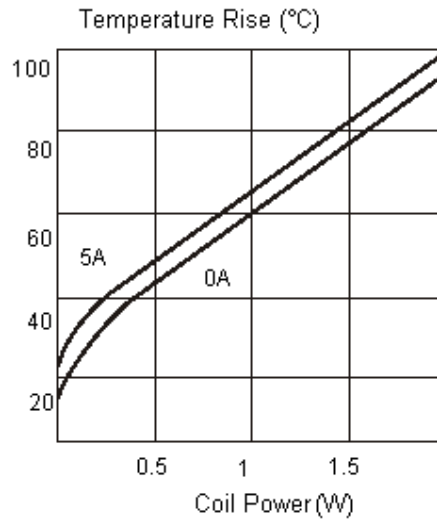
Dimensions : Millimetres

## Characteristic Chart Data

### Timing (High Sensitive)

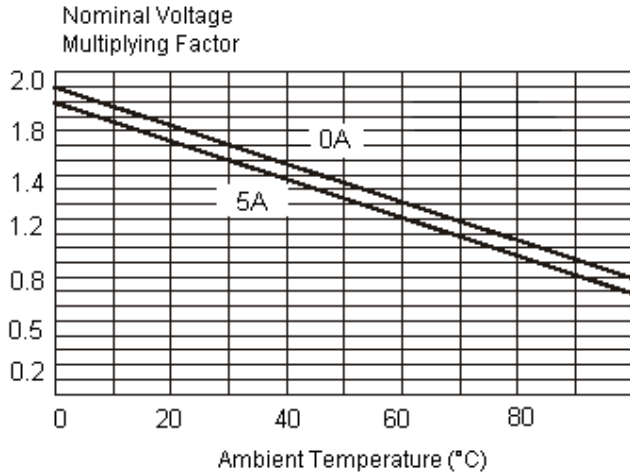


### Coil Temperature Rise

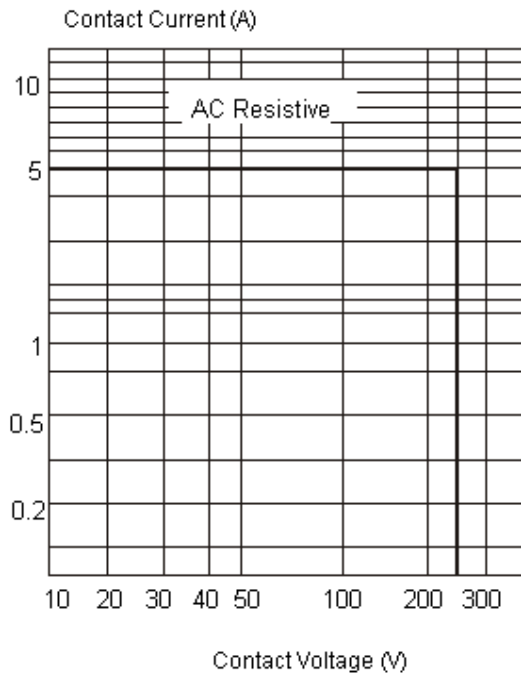


## Characteristic Chart Data

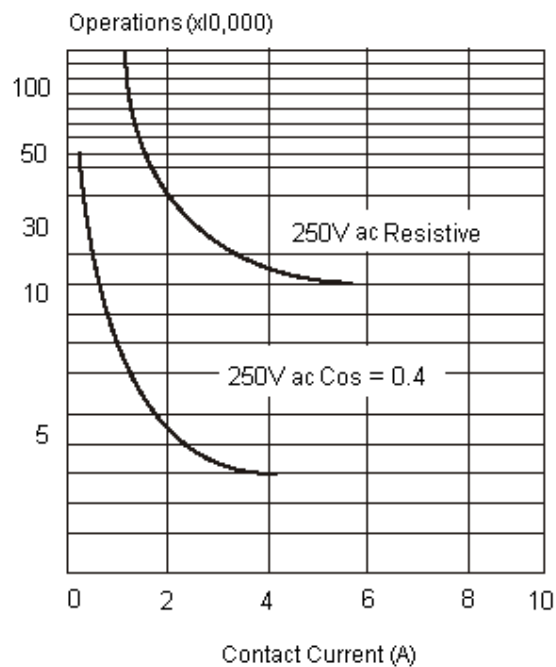
Operate Range



Maximum Switching Power



Life Curves



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