



## Coil Data

Nominal voltage	: 5, 12 and 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	: 150mW, 250mW and 540mW.

## Contact Data

Contact form	: 1 form A.
Contact material	: AgAlloy.
Contact rating	: 10A 250V ac / 30V dc, TV-5.
Maximum switching voltage	: 250V ac / 30V dc.
Maximum switching current	: 10A.
Maximum switching power	: 2,500VA, 300W.
Minimum switching load	: 5V dc, 100mA.
Maximum contact resistance	: 100mΩ (6V dc 1A).

## Life

Electrical	: 100,000 operations.
Mechanical	: 2,000,000 operations.

## General Data

Minimum insulation resistance	: 1,000MΩ 500V dc.
Dielectric strength	: 1,000V ac, 1 min between open contacts. 4,000V ac, 1 min between coil and contacts.
Sure strength	: 10,000V ac.
Maximum operate time	: 15ms.
Maximum release time	: 8ms.
Operate temperature	: -40 to +70°C.

## Shock Resistance

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

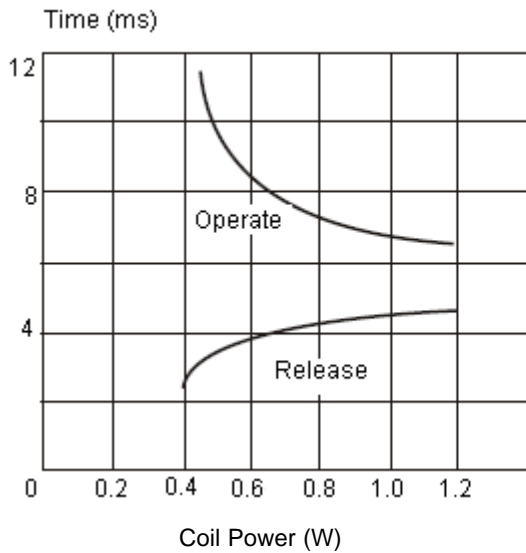
## Vibration Resistance

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

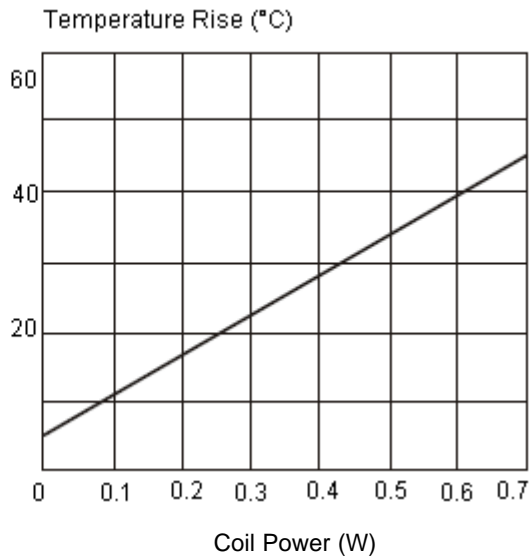


## Characteristic Chart Data

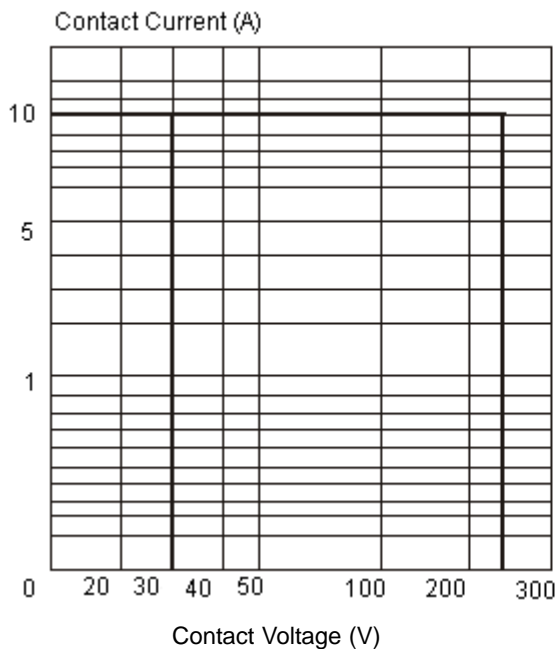
### Timing



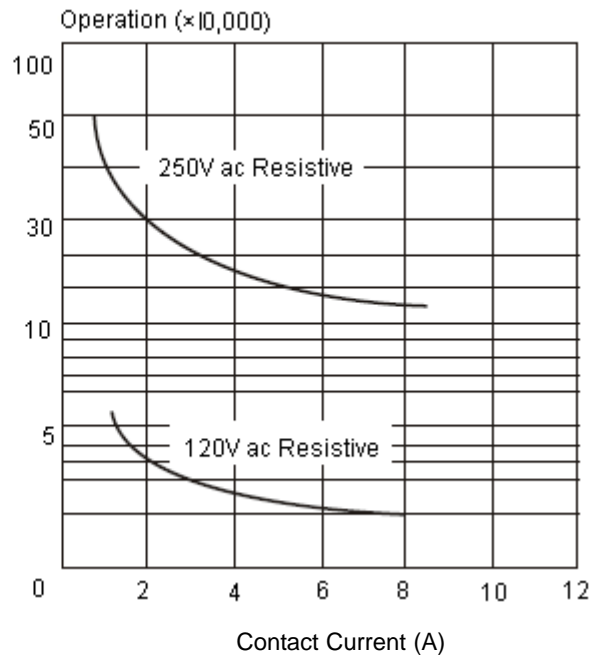
### Coil Temperature Rise



### Maximum Switching Power



### Life Curves



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