



## Contact Data

Contact form	: 1 form C.
Contact material	: Ag Alloy.
Contact rating	: Resistive: 16A 250V ac/30V dc. Inductive: 8A 250V ac Cos $\varnothing$ = 0.4.
Maximum switching voltage	: 380V ac/30V dc.
Maximum switching current	: 16A.
Maximum switching power	: 4000VA, 240W.
Minimum switching load	: 5V dc, 100mA.
Maximum contact resistance	: 100m $\Omega$ (6V dc 1A).

## Life

Electrical	: 100,000 operations. 50,000 operations (Resistive: Cos $\varnothing$ = 0.4, L/R = 7ms).
Mechanical	: 20,000,000 operations.

## General Data

Minimum insulation resistance	: 10,000M $\Omega$ 500V dc.
Dielectric strength	: 1000V ac, 1 min between open contacts 5000V ac, 1 min between coil and contacts.
Operate time	: Maximum 10ms.
Release time	: Maximum 5ms.
Operate temperature	: -40 to +85°C.

## Shock Resistance

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

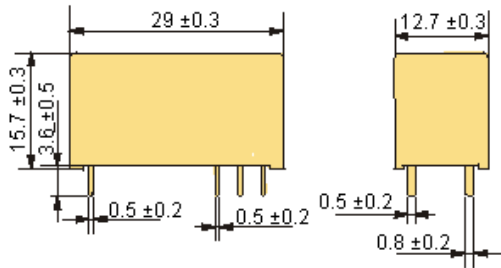
## Vibration Resistance

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

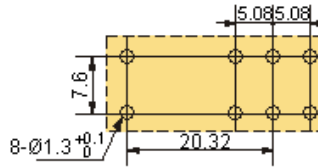
## Coil Data Chart 20°C

Nominal Voltage V dc	Coil Resistance $\Omega \pm 10\%$	Operate Voltage $\leq V$ dc	Release Voltage $\geq V$ dc	Coil Power mW	Enclosure	Contact Form	Part Number
12	360	8.4	1.2	400	Plastic Sealed Type	1 form C	MC25140
24	1440	16.8	2.4				MC25142
5	62.5	3.5	0.5				MC25144

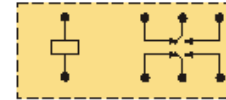
## Dimensions (mm)



## Wiring Diagrams (Bottom View)



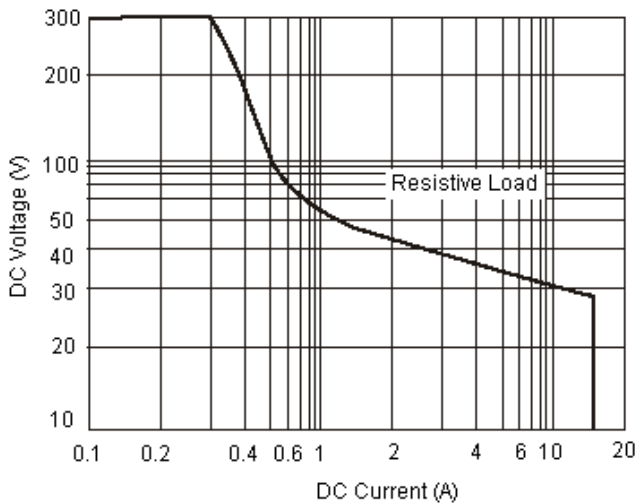
## Mounting Hole Layout (Bottom View)



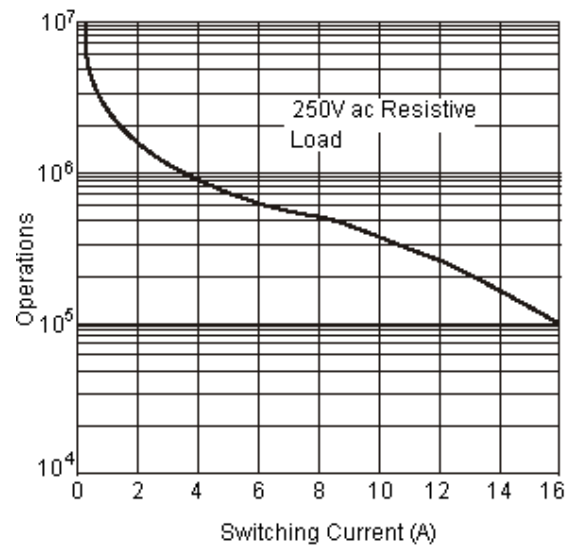
Dimensions : Millimetres

## Characteristic Chart Data

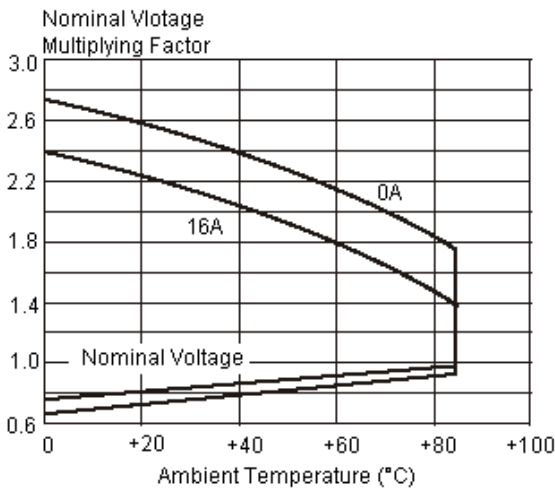
### Maximum DC Resistive Load Breaking Capacity



### Life Curve



### Operate Range



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