Relay





Contact Data

Contact form : 1 form C.
Contact material : Ag Alloy.

Contact rating : Resistive: 16A 250V ac/30V dc.

Inductive: 8A 250V ac Cos \emptyset = 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 Ω (6V dc 1A).

Life

Electrical : 100,000 operations.

50,000 operations (Resistive: Cos \emptyset = 0.4, L/R = 7ms).

Mechanical : 20,000,000 operations.

General Data

 $\mbox{Minimum insulation resistance} \qquad : \mbox{10,000M}\Omega \mbox{ 500V dc}.$

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^2 . Misoperation : 100m/s^2 .

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

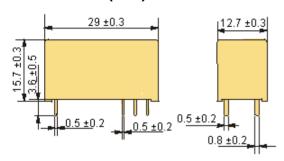
Nominal Voltage V dc	Coil Resistance Ω ±10%	Operate Voltage ≤ V dc	Release Voltage ≥ V dc	Coil Power mW	Enclosure	Contact Form	Part Number
12	360	8.4	1.2	400	Plastic Sealed Type	1 form C	MC25140
24	1440	16.8	2.4				MC25142
5	62.5	3.5	0.5				MC25144



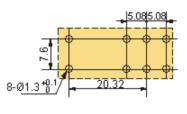
Relay



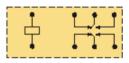
Dimensions (mm)



Wiring Diagrams (Bottom View)

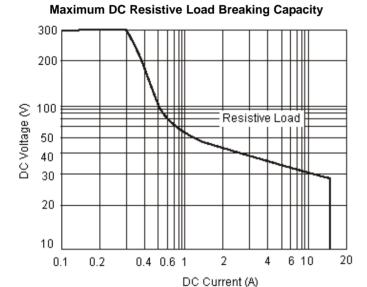


Mounting Hole Layout (Bottom View)

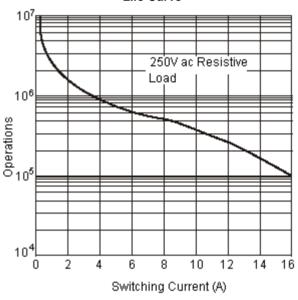


Dimensions: Millimetres

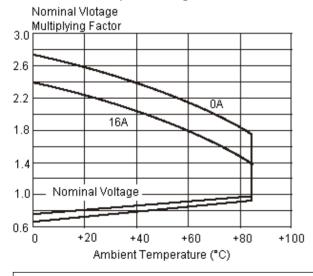
Characteristic Chart Data



Life Curve



Operate Range



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