



Coil Data

Nominal power : 450mW

Contact Data

Contact material : Ag alloy.
Contact rating : 12A 120V ac.
10A 250VC/24V dc.
5A 120V ac/24V dc Inductive (COS Ø = 0.4, L/R = 7ms).
TV-5.
Maximum switching voltage : 250V ac/24V dc.
Maximum switching current : 15A.
Maximum switching power : 2500VA, 240W.
Minimum switching load : 5V dc, 100mA.
Contact resistance : Maximum 50mΩ (6V dc 1A).

Life

Electrical (standard) : 100,000 operations.
Mechanical : 10,000,000. operations.

General Data

Insulation resistance : Minimum 100MΩ 500V dc.
Dielectric strength : 1000V ac, 1 min between open contacts.
1800V 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/s².
Misoperation : 100m/s².

Vibration Resistance

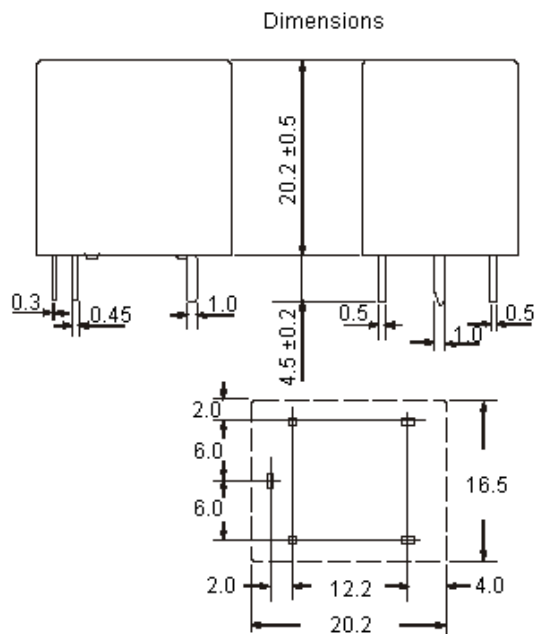
Endurance : 10 to 55Hz, 1.5mm double amplitude.
Misoperation : 10 to 55Hz, 1.5mm double amplitude.
Humidity : 35% to 95% RH, +40°C.
Weight : Approximately 12g.

Coil Data Chart

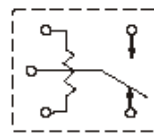
20°C

Part Number	Nominal Voltage V dc	Coil Resistance $\Omega \pm 10\%$	Operate Voltage $\leq V$ dc	Release Voltage $\geq V$ dc	Coil Power mW	Contact Form
MC25136	12	320	8.40	1.20	450	1 Form C
MC25137	24	1280	16.8	2.40		

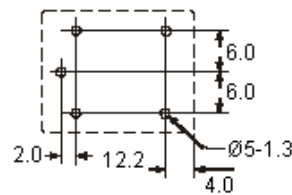
Dimensions.



Wiring Diagrams (Bottom View)

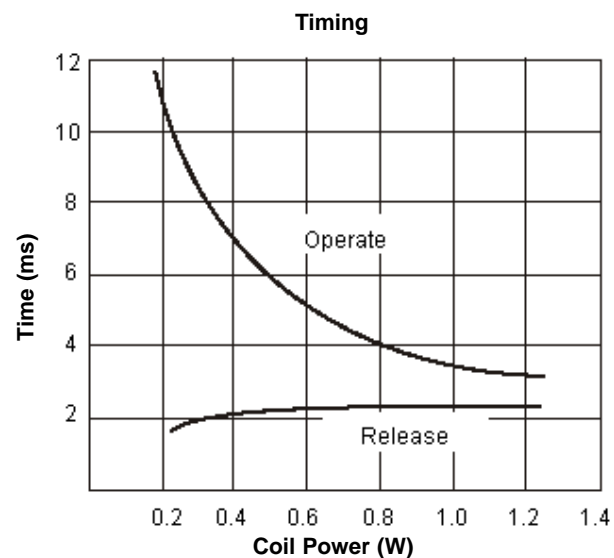
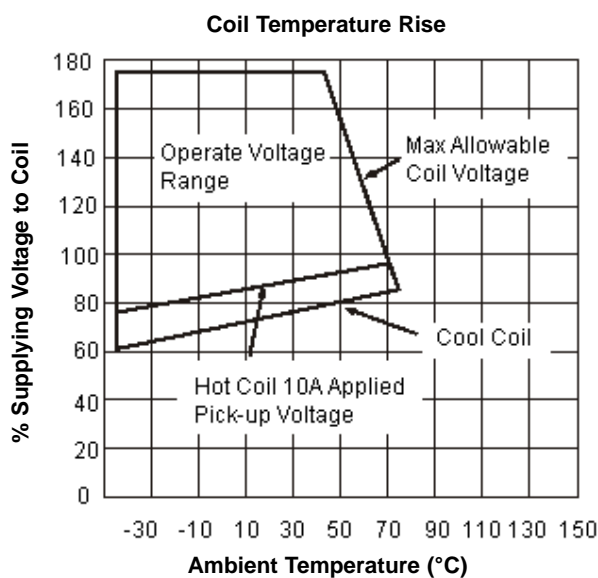


Mounting Hole Layout (Bottom View)



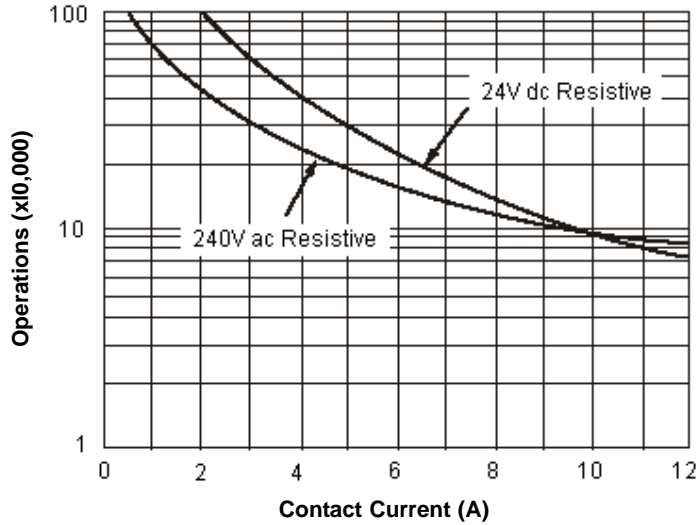
Dimensions : Millimetres

Characteristic Chart Data



Characteristic Chart Data

Life Curves



Part Number Table

Description	Part Number
Relay	MC25136
Relay	MC25137

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