



Coil Data

Nominal power : 360mW

Contact Data

Contact material : Ag alloy.
Contact rating : 1A : 15A125V ac/24V dc, 10A 250V ac.
: 1C:10A 120VC/24V dc, 6A 250V ac
: TV-5.
Maximum switching voltage : 250V ac/24V dc.
Maximum switching current : 15A.
Maximum switching power : 1800VA, 360W.
Minimum switching load : 5V dc, 100mA.
Contact resistance : Maximum 50mΩ (6V dc 1A).

Life

Electrical : 100,000 operations.
Mechanical : 10,000,000 operations.

General Data

Insulation resistance : Minimum 1000MW 500V dc.
Dielectric strength : 750V ac, 1 min between open contacts.
: 1500V ac, 1 min between coil and contacts
Operate time : Maximum 10ms.
Release time : Maximum 5ms.
Operate temperature : -30 to +85°C.

Shock Resistance

Endurance : 1000m/s².
Misoperation : 100m/s².

Vibration Resistance

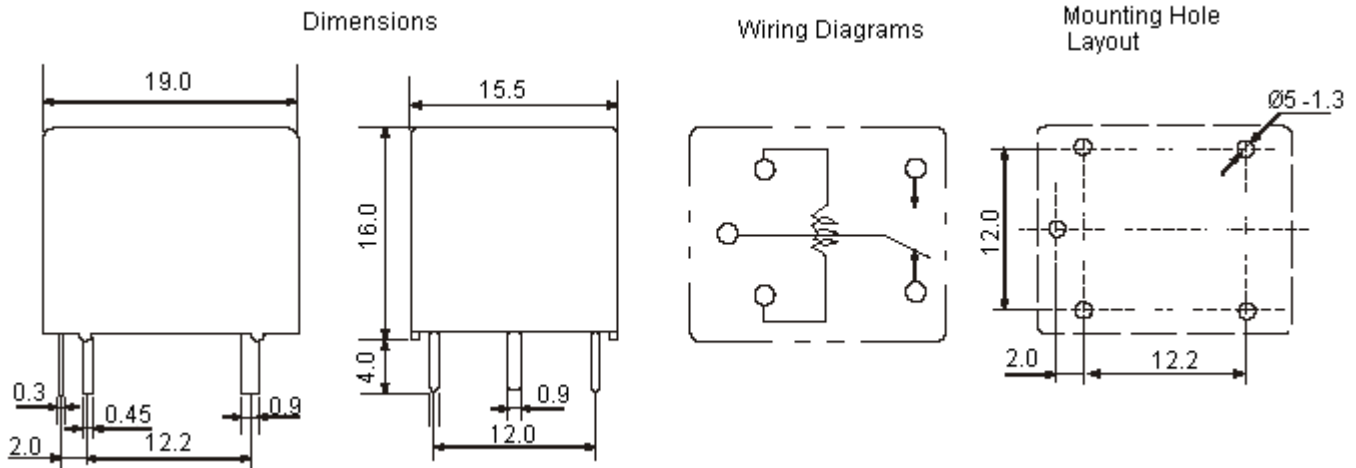
Endurance : 10 to 55Hz, 1.5mm double amplitude.
Misoperation : 10 to 55Hz, 1.5mm double amplitude.
Humidity : 35% to 95% RH, +40°C.
Weight : Approximately 10g.

Coil Data Chart

20°C

Part Number	Nominal Voltage V dc	Coil Resistance W $\pm 10\%$	Operate Voltage $\leq V$ dc	Release Voltage $\geq V$ dc	Coil Power mW	Contact Form
MC25138	12	400	8.40	1.20	360	1 Form C
MC25139	24	1600	16.8	2.40		

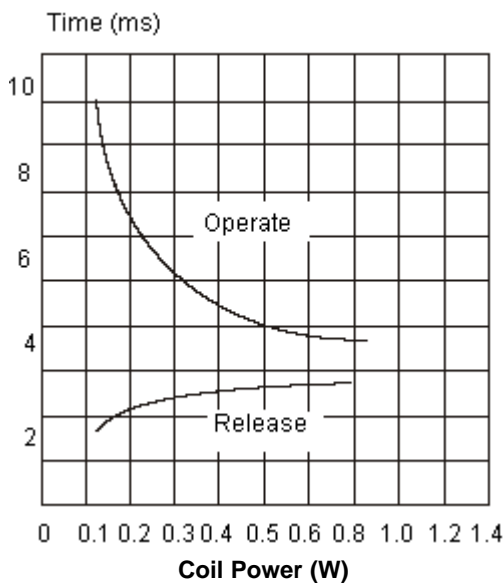
Dimensions.



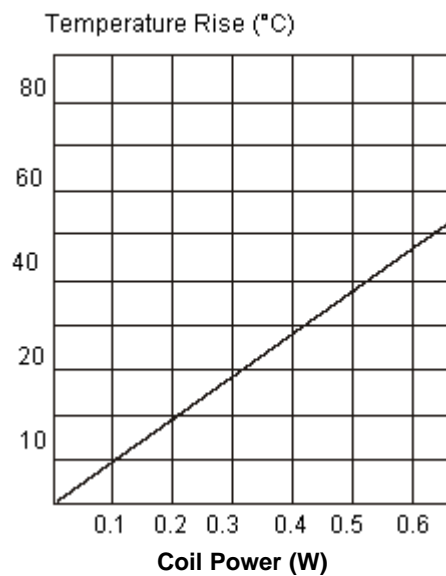
Dimensions : Millimetres

Characteristic Chart Data

Timing

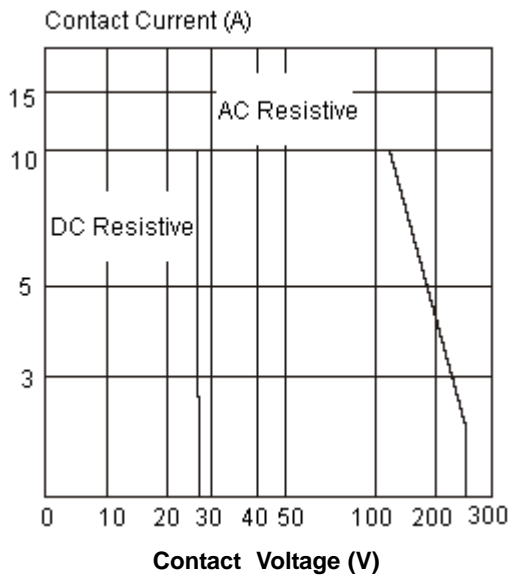


Coil Temperature Rise

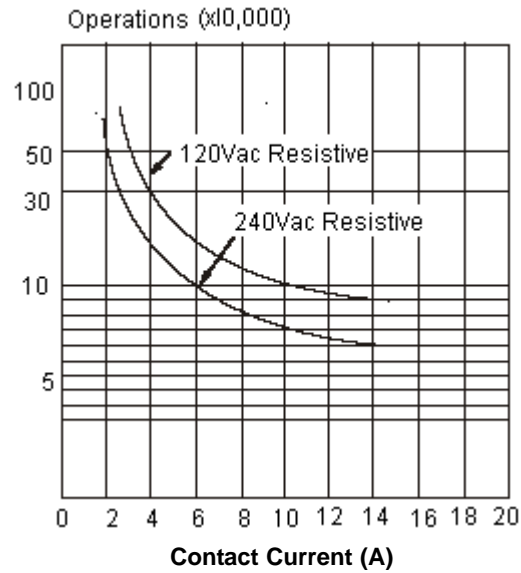


Characteristic Chart Data

Maximum Switching Power



Life Curves



Part Number Table

Description	Part Number
Relay	MC25138
Relay	MC25139

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