



Coil Data

Nominal Power : 450mW

Contact Data

Contact Material : Ag alloy
Contact Rating : 12A 120V AC
10A 250V AC / 24V DC
5A 120V AC / 24V DC Inductive (COS Ø = 0.4, L/R = 7ms)
TV-5
Max. Switching Voltage : 250V AC / 24V DC
Max. Switching Current : 15A
Max. Switching Power : 2,500VA, 240W
Min. Switching Load : 5V DC, 100mA
Contact Resistance : Max. 50mΩ (6V DC 1A)

Life

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

General Data

Insulation Resistance : Min. 1,000mW 500V DC
Dielectric Strength : 1,000V AC, 1 min. between open contacts
1,800V AC, 1 min. between coil and contacts
Operate Time : Max. 10ms
Release Time : Max. 5ms
Operate Temperature : -40°C to +85°C

Shock Resistance

Endurance : 1,000m/s²
Mis-operation : 100m/s²

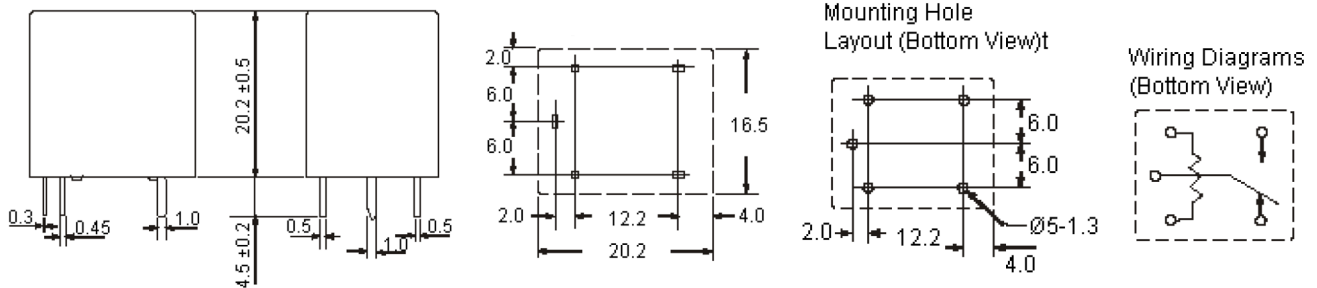
Vibration Resistance

Endurance : 10 to 55Hz, 1.5mm double amplitude
Mis-operation : 10 to 50Hz, 1.5mm double amplitude
Humidity : 35% to 95% RH, +40°C
Weight : Approximately 12g

Coil Data Chart

Nominal Voltage V DC	Coil Resistance $\Omega \pm 10\%$	Operate Voltage $\leq V$ DC	Release Voltage $\geq V$ DC	Coil Power mW	Contact Form	Part Number
12	320	8.40	1.2	450	1 Form C	MC25136
24	1,280	16.8	2.4			MC25137

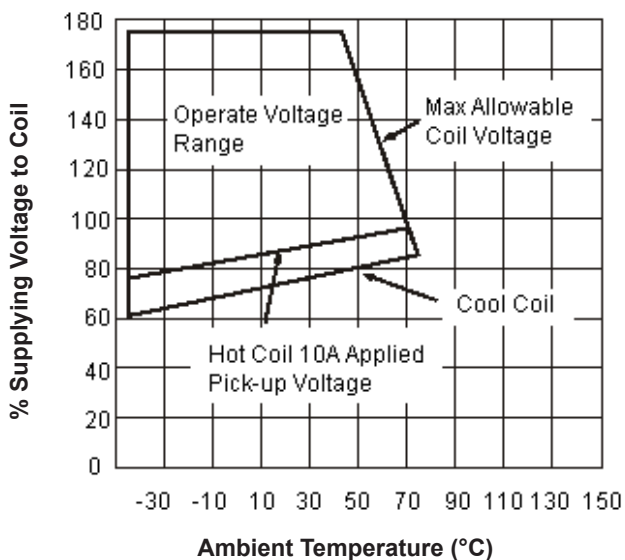
Dimensions



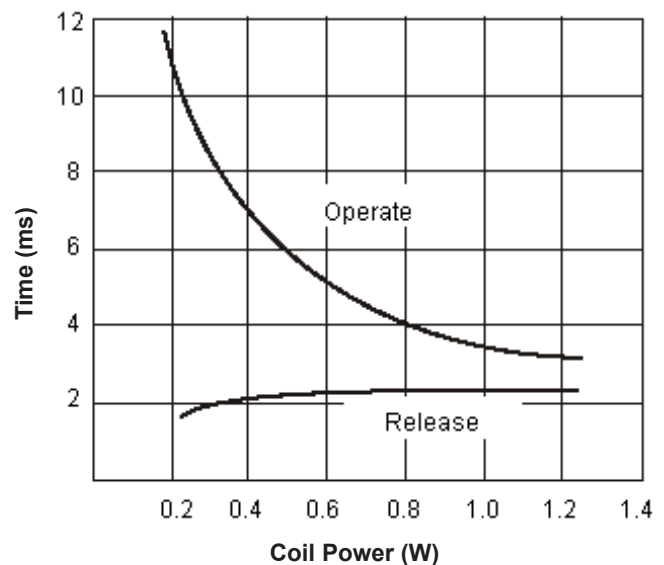
Dimensions : Millimetres

Characteristic Chart Data

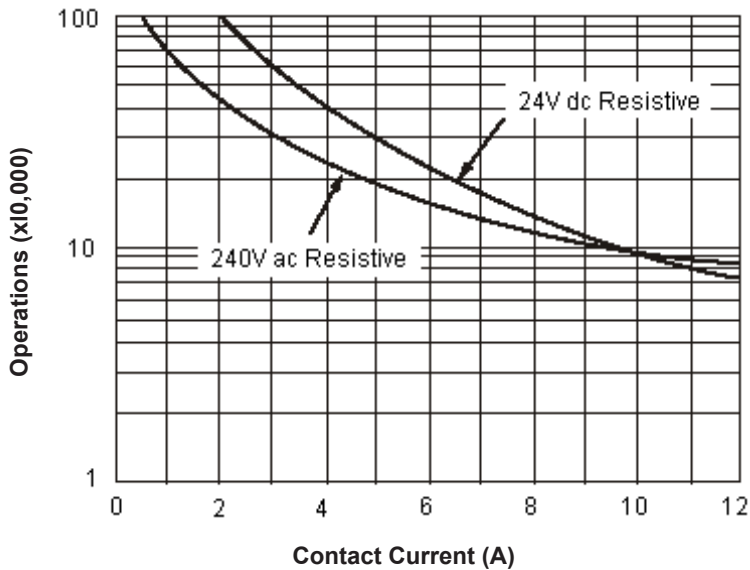
Coil Temperature Rise



Timing



Life Curves



Part Number Table

Description	Part Number
Relay	MC25136
	MC25137

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