



Contact Data

Contact Form	: 1 form C
Contact Material	: Ag Alloy
Contact Rating	: Resistive: 10A 250V ac/30V dc, TV-5
Inductive	: 5A 240V AC (Cos Ø = 0.4)
Max. Switching Voltage	: 250V AC/30V DC
Max. Switching Current	: 10A
Max. Switching Power	: 2,500VA, 300W
Min. Switching Load	: 5V DC, 100mA.
Max. Contact Resistance	: Max. 100mΩ (6V DC 1A)

Life

Electrical	: 100,000 operations 50,000 operations (COS Ø = 0.4, L/R = 7ms)
Mechanical	: 10,000,000 operations

General Data

Min. Insulation Resistance	: 1,000MΩ 500V DC
Dielectric Strength	: 1,000V AC, 1 min between open contacts 4,000V AC, 1 min between coil and contacts
Operate Time	: Max. 15ms
Release Time	: Max. 8ms
Operate Temperature	: -30°C to +55°C (720mW) -30°C to +70°C (540mW)
UL listed	: E326578

Shock Resistance

Endurance	: 1000m/s ²
Misoperation	: 100m/s ²

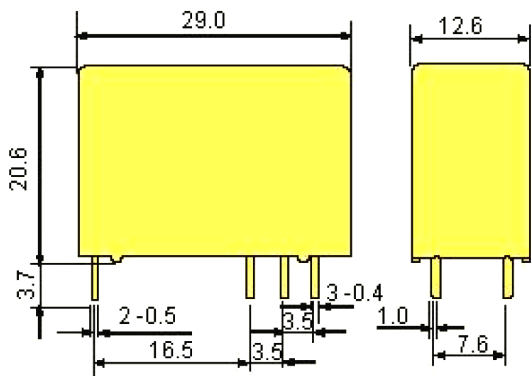
Vibration Resistance

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	High Sensitivity Coil Power	Enclosure	Contact Form	Part Number
12	267	9	1.2	540	540mW	Plastic Sealed Type	1 form C	MC25127
24	1,067	18	2.4					MC25126
5	46	3.75	0.5					MC25131

Dimensions

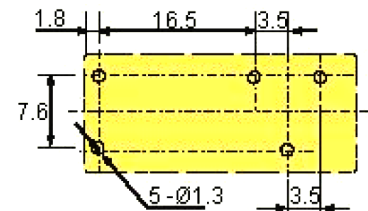


Dimensions : Millimetres

Wiring Diagrams (Bottom View)

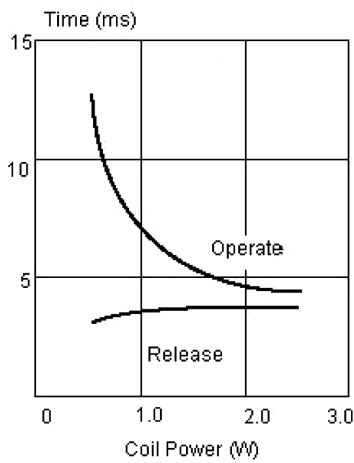


Mounting Hole Layout (Bottom View)

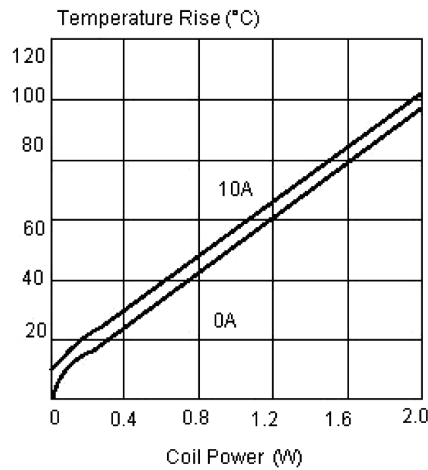


Characteristic Chart Data

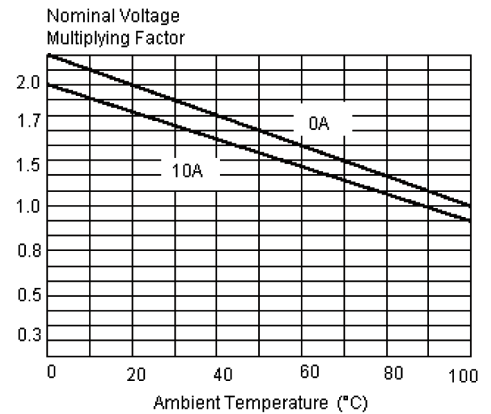
Timing (High Sensitive)

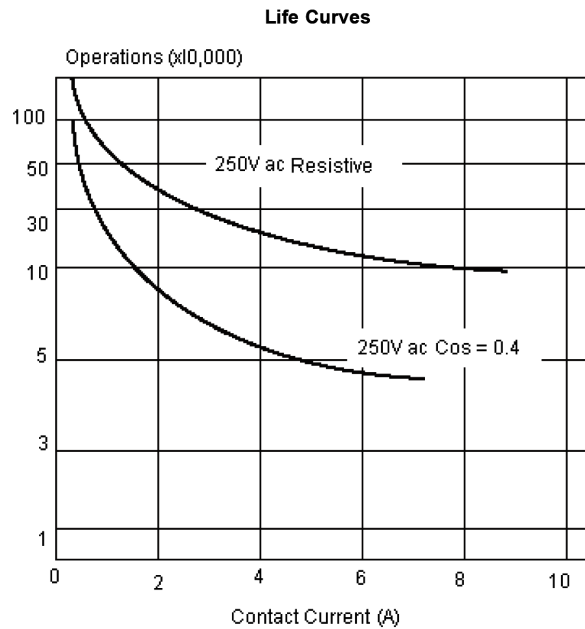
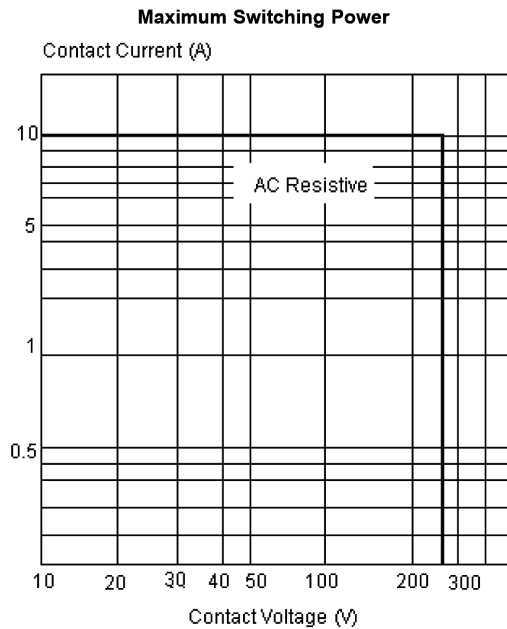


Coil Temperature Rise (Standard)



Operate Range





Part Number Table

Description	Part Number
Relay	MC25127
	MC25126
	MC25131

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