



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

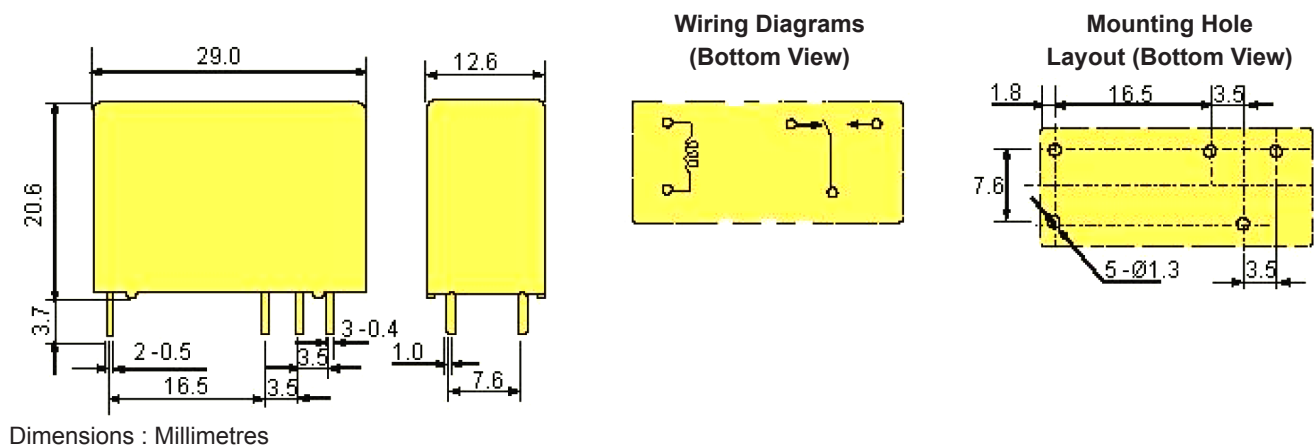
Vibration Resistance

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

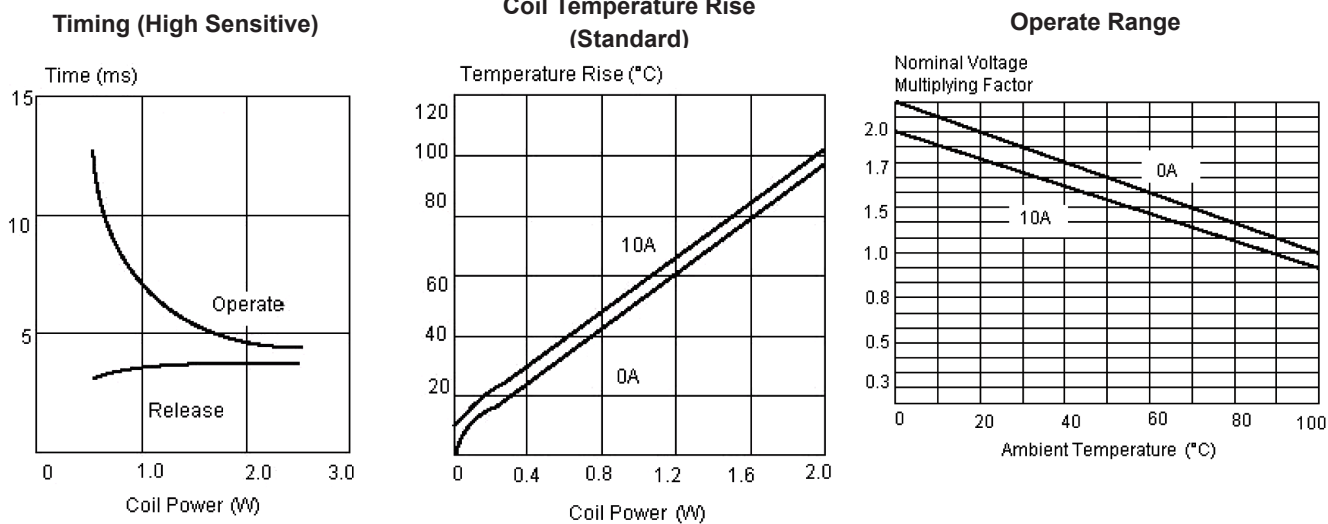
Coil Data Chart 20°C

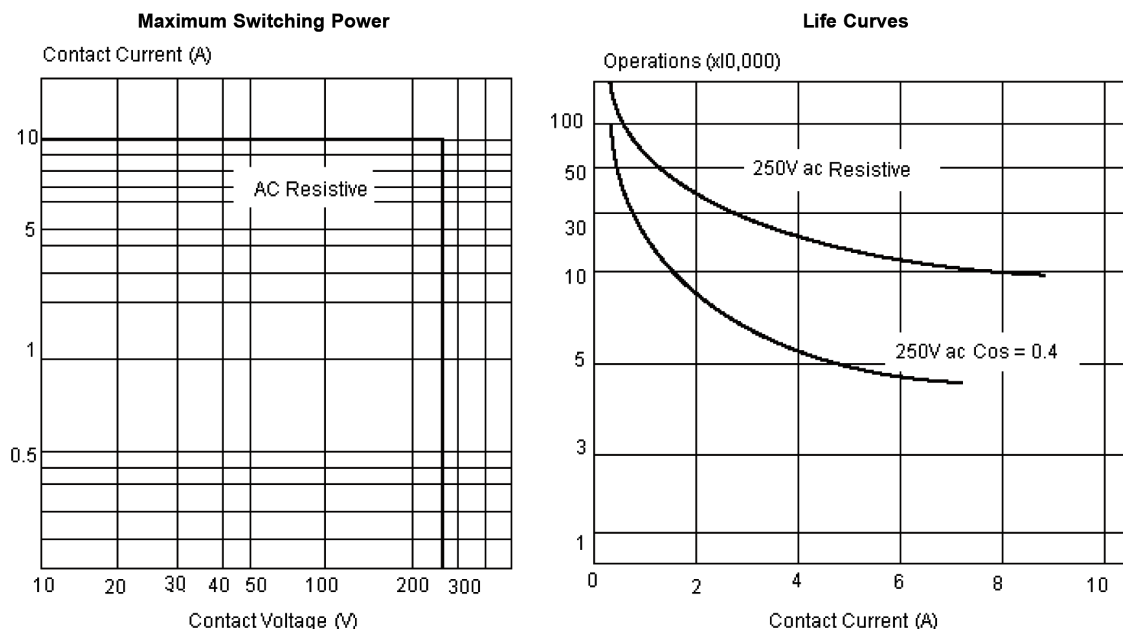
Nominal Voltage V DC	Coil Resistance Ω ±10%	Operate Voltage ≤ V DC	Release Voltage ≥ V DC	Coil Power mW	High Sensitivity Coil Power	Enclosure	Contact Form	Part Number
12	267	9	1.2	540	540mW	Plastic Sealed Type	1 form C	MC25127
24	1,067	18	2.4					MC25126
5	46	3.75	0.5					MC25131

Dimensions



Characteristic Chart Data





Part Number Table

Description	Part Number
Relay	MC25127
	MC25126
	MC25131

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