Relays





Contact Data

Contact Form : 1 form C
Contact Material : Ag Alloy

Contact Rating : Resistive: 10A 250V ac/30V dc, TV-5

Inductive : $5A 240V AC (Cos \emptyset = 0.4)$

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 \emptyset = 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/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.

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

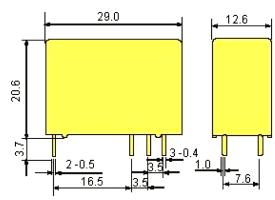
Newark.com/multicomp-pro Farnell.com/multicomp-pro Element14.com/multicomp-pro



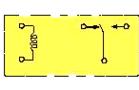
Relays

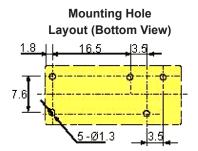


Dimensions



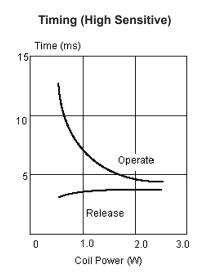
Wiring Diagrams (Bottom View)

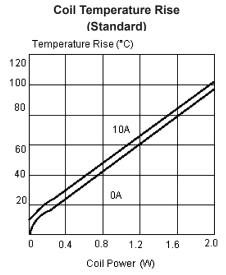


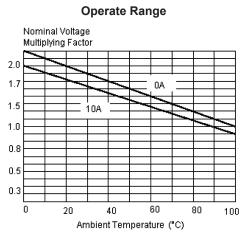


Dimensions: Millimetres

Characteristic Chart Data



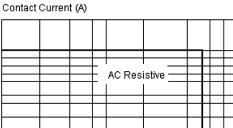


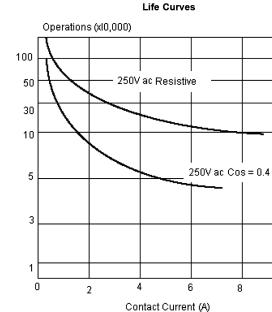


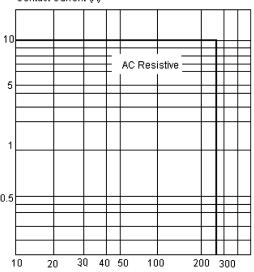
Relays



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Contact Voltage (V)

Maximum Switching Power

Part Number Table

Description	Part Number		
	MC25127		
Relay	MC25126		
	MC25131		

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