Relays





Contact Data

Contact Form : 2 form C
Contact Material : Ag Alloy

Contact Rating : Resistive: 5A 250V AC/24V DC, TV-5

Inductive: $5A\ 250V\ AC/24V\ DC\ (Cos\ \emptyset = 0.4,\ L/R = 7ms)$

Max. Switching Voltage : 250V AC / 24V DC

Max. Switching Current : 5A

Max. Switching Power : 1250VA, 120W Min. Switching Load : 5V DC, 100mA Max. Contact Resistance : $50m\Omega$ (6V DC 0.1A)

Life

Electrical : 100,000 operations

20,000 operations (COS \emptyset =0.4, L/R = 7ms).

Mechanical : 10,000,000 operations

General Data

Min. Insulation Resistance : 1000MΩ 500V DC

Dielectric Strength : 1000V AC, 1 min between open contacts

4000V AC, 1 min between coil and contacts.

Operate Time : Maximum 15ms. Release Time : Maximum 8ms.

Operate Temperature : -30 to +55°C (720mW)

-30 to +70°C (540mW)

Shock Resistance

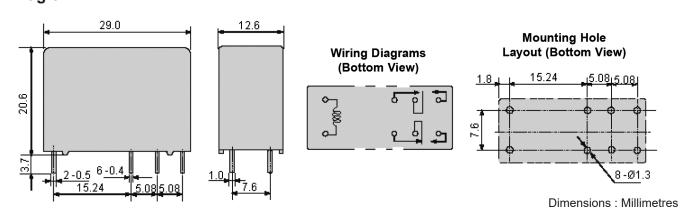
 $\begin{array}{ll} \text{Endurance} & : 1000 \text{m/s}^2 \\ \text{Misoperation} & : 100 \text{m/s} 2^2 \\ \end{array}$

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

Diagram



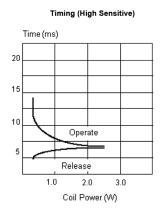
Newark.com/multicomp-pro Farnell.com/multicomp-pro Element14.com/multicomp-pro

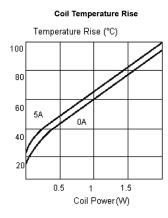


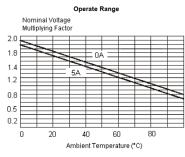
Relays

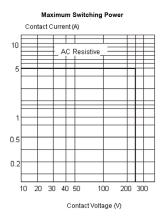


Characteristic Chart Data









Derations (xI0,000) 100 250 V ac Resistive 250 V ac Cos = 0.4 Contact Current (A)

Coil Data Chart 20°C

Nominal Voltage V DC	Coil Resistance Ω ±10%	Operate Voltage ≤V DC	Release Voltage ≥V DC	Coil Power	High Sensitivity Coil Power	Enclosure	Contact Form	Part Number
12	267	9	1.2	540mW	540mW	Plastic Sealed Type	2 form C	MC25117
24	1067	18	2.4					MC25123
48	4267	36	4.8					MC25130

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