



Contact Data

Contact Form	: 1 form C
Contact Material	: Ag Alloy
Contact Rating	: Resistive: 16A 250V AC / 30V DC Inductive: 8A 250V AC Cos Ø = 0.4
Max. Switching Voltage	: 380V AC/30V DC
Max. Switching Current	: 16A
Max. Switching Power	: 4000VA, 240W
Min. Switching Load	: 5V DC, 100mA
Max. Contact Resistance	: 100mΩ (6V DC 1A)

Life

Electrical	: 100,000 operations. 50,000 operations (Resistive: Cos Ø = 0.4, L/R = 7ms).
Mechanical	: 20,000,000 operations.

General Data

Min. Insulation Resistance	: 10,000MΩ 500V DC
Dielectric Strength	: 1000V AC, 1 min between open contacts 5000V AC, 1 min between coil and contacts.
Operate Time	: Maximum 10ms.
Release Time	: Maximum 5ms.
Operate Temperature	: -40°C to +85°C

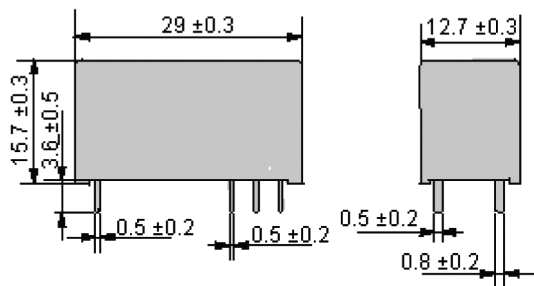
Shock Resistance

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

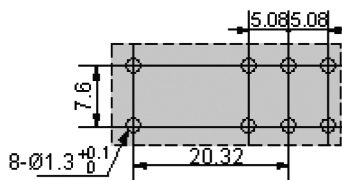
Vibration Resistance

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

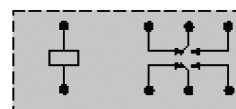
Diagram



Wiring Diagrams (Bottom View)

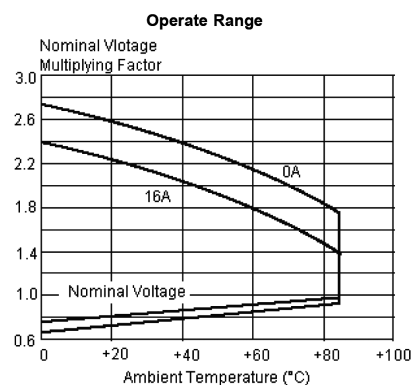
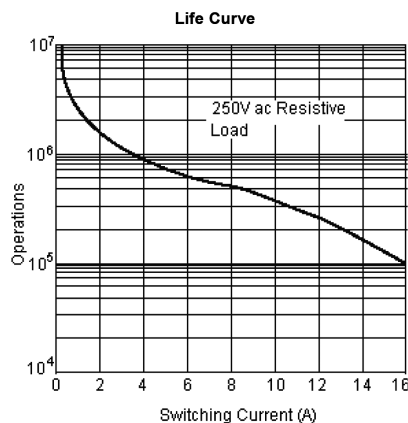
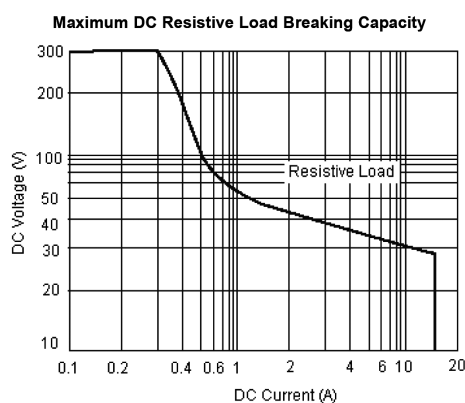


Mounting Hole Layout (Bottom View)



Dimensions : Millimetres

Characteristic Chart Data



Coil Data Chart 20°C

Nominal Voltage V DC	Coil Resistance $\Omega \pm 10\%$	Operate Voltage $\leq V$ DC	Release Voltage $\geq V$ DC	Coil Power mW	Enclosure	Contact Form	Part Number
12	360	8.4	1.2	400	Plastic Sealed Type	1 form C	MC25140
24	1440	16.8	2.4				MC25142
5	62.5	3.5	0.5				MC25144

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