

Contact Data

Contact Form	: 2 form C
Contact Material	: AuAg overlay, Ag Alloy
Contact Rating	: 1A 120V AC/24V DC
Max. Switching Voltage	: 125V AC/30V DC
Max. Switching Current	: 2A (Standard type), 1A (High Sensitivity)
Max. Switching Power	: 120VA, 30W
Min. Switching Load	: 5V DC, 10mA
Max. Contact Resistance (Standard type)	: 50mΩ (6V DC 0.1A)
Max. Contact Resistance (High sensitivity)	: 100mΩ (6V DC 0.1A)

Life

Electrical	: 100,000 operations at nominal load
Mechanical	: 15,000,000 operations

General Data

Min. Insulation Resistance	: 1000MΩ 500V DC
Dielectric Strength	: 750V AC, 1 min between open contacts (Standard type) 500V AC, 1 min between open contacts (High sensitivity) 1000V AC, 1 min between coil and contacts.

Operate Time	: Maximum 7ms.
Release Time	: Maximum 3ms.
Operate temperature	: -25°C to +70°C

Shock Resistance

Endurance	: 1000m/s ²
Mis-operation	: 100m/s ²

Vibration Resistance

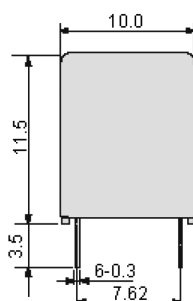
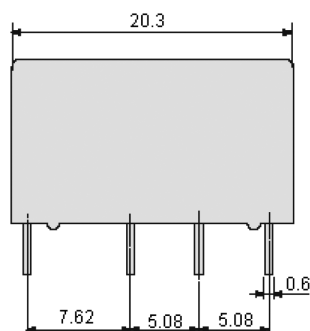
Endurance	: 10 to 55Hz, 1.5mm double amplitude.
Mis-operation	: 10 to 55Hz, 1.5mm double amplitude.
Humidity	: 35 to 95%RH, +40°C.

Specification Table

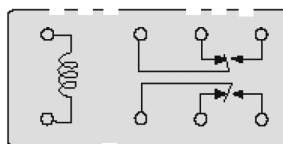
Coil Data Chart 20°C

Nominal Voltage V DC	Coil Resistance Ω ±10%	Operate Voltage ≤V DC	Release Voltage ≥V DC	Coil Power mW	Sensitivity	Enclosure	High Sensitivity Ratings	Part Number
12	720	9	1.2	200	High	Plastic Sealed Type	-	MC25119
	960			150			150mW (New)	MC25133
24	2880	18	2.4	200			-	MC25135
	3840			150			150mW (New)	MC25118
5	125	3.75	0.5	200			-	MC25134
	166			150			150mW (New)	MC25132

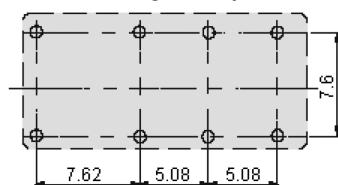
Diagram



Wiring Diagrams

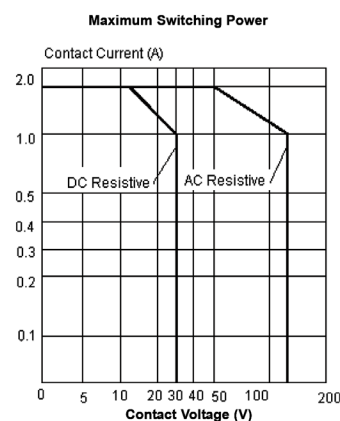
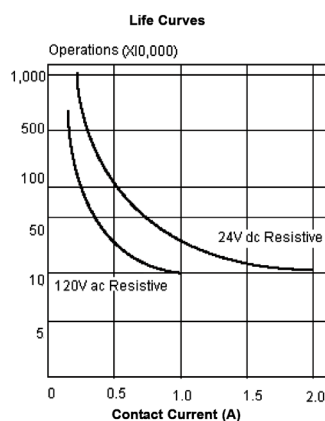
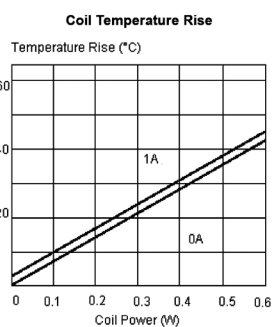
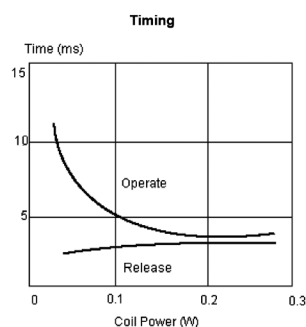


Mounting Hole Layout



Dimensions : Millimetres

Characteristic Chart Data



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