



Contact Data

Contact Form	: 2 form C
Contact material	: AuAg overlay, Ag Alloy.
Contact rating	: 1A 120V ac/24V dc.
Maximum switching voltage	: 125V ac/30V dc.
Maximum switching current	: 2A (Standard type), 1A (High Sensitivity).
Maximum switching power	: 120VA, 30W.
Minimum switching load	: 5V dc, 10mA.
Maximum contact resistance (Standard type)	: 50m Ω (6V dc 0.1A).
Maximum contact resistance (High sensitivity)	: 100m Ω (6V dc 0.1A).

Life

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

General Data

Minimum insulation resistance	: 1000M Ω 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 to +70°C.

Shock Resistance

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

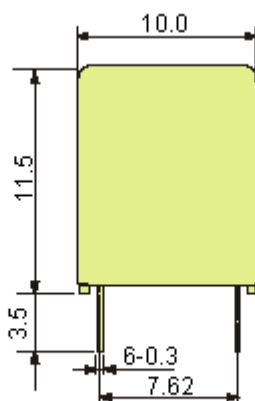
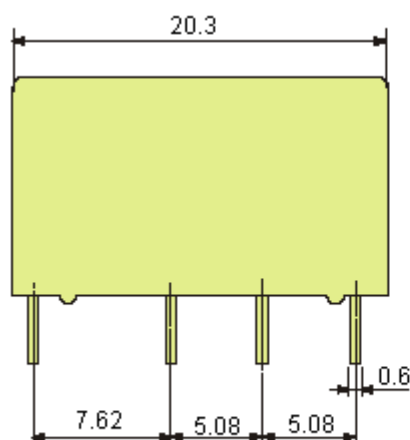
Vibration Resistance

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

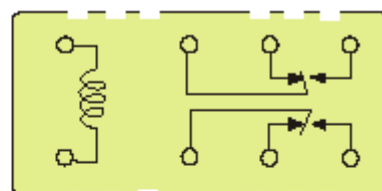
Coil Data Chart 20°C

Nominal Voltage V dc	Coil Resistance $\Omega \pm 10\%$	Operate Voltage $\leq V_{dc}$	Release Voltage $\geq V_{dc}$	Coil Power mW	Sensitivity	Enclosure	High Sensitivity Ratings	Part Number
12	720	9.0	1.2	200	High	Plastic Sealed Type	-	MC25119
	960			150			150mW (New)	MC25133
24	2880	18.0	2.4	200			-	MC25135
	3840			150			150mW (New)	MC25118
5	125	3.75	0.5	200			-	MC25134
	166			150			150mW (New)	MC25132

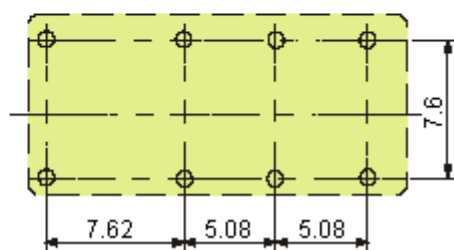
Dimensions (mm)



Wiring Diagrams



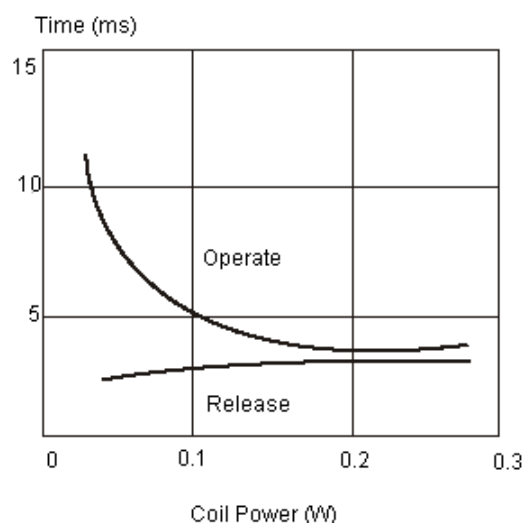
Mounting Hole Layout



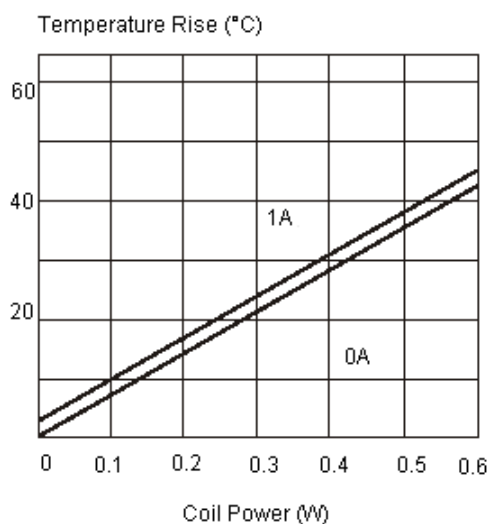
Dimensions : Millimetres

Characteristic Chart Data

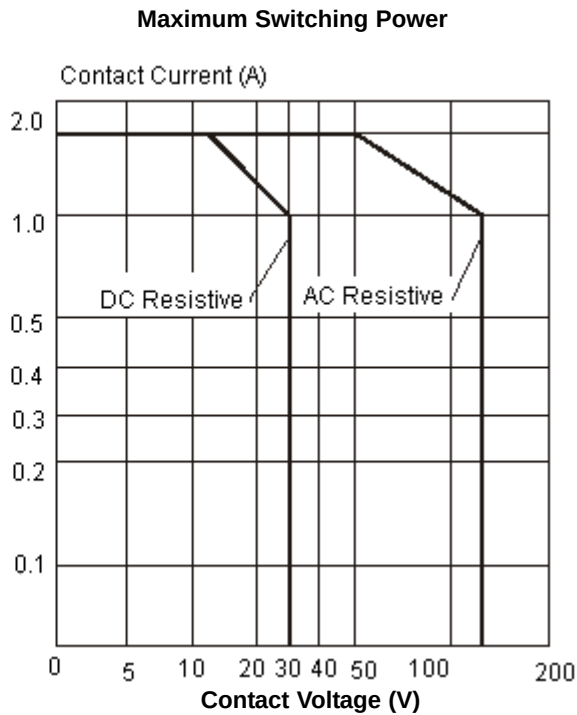
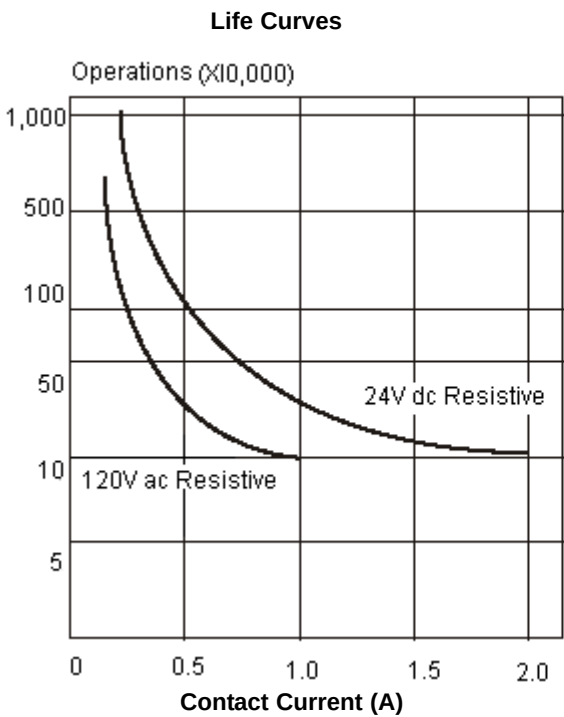
Timing



Coil Temperature Rise



Characteristic Chart Data



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