



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 .

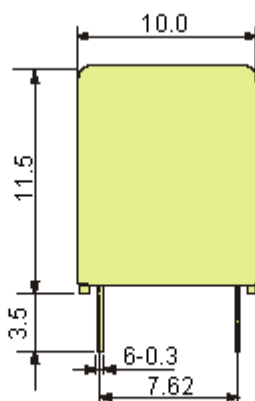
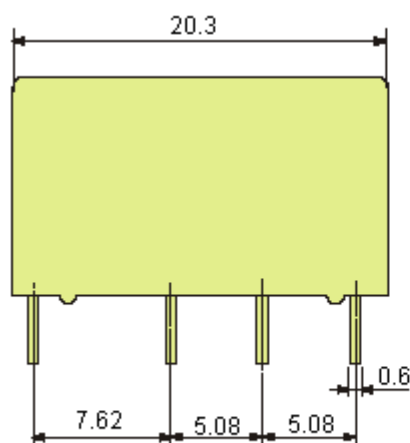
Vibration Resistance

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

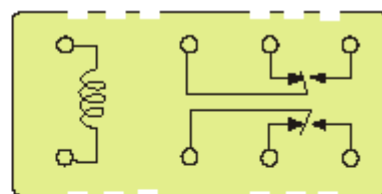
Coil Data Chart 20°C

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

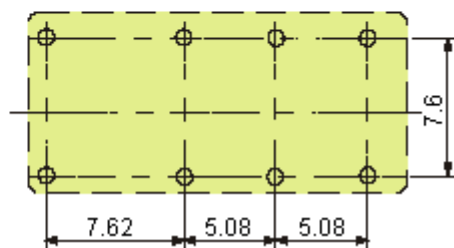
Dimensions (mm)



Wiring Diagrams



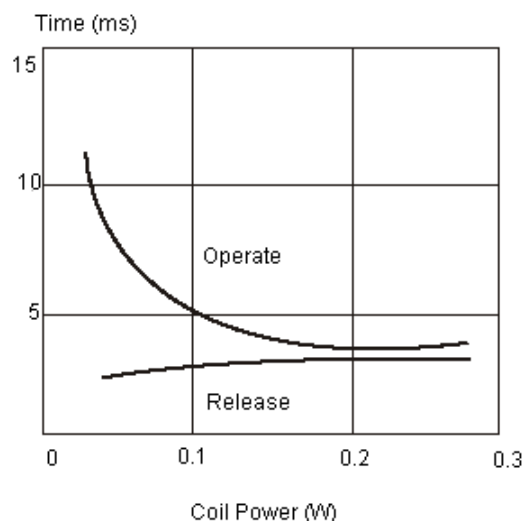
Mounting Hole Layout



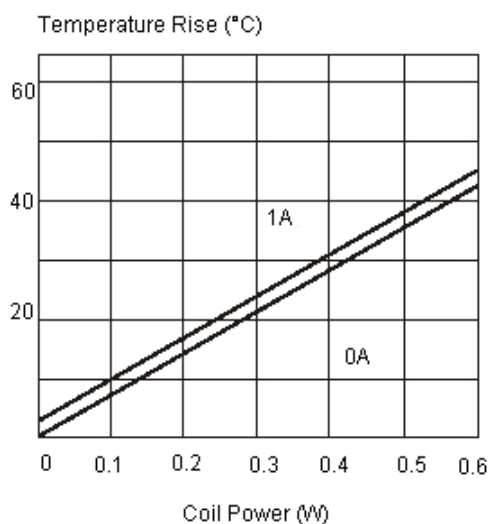
Dimensions : Millimetres

Characteristic Chart Data

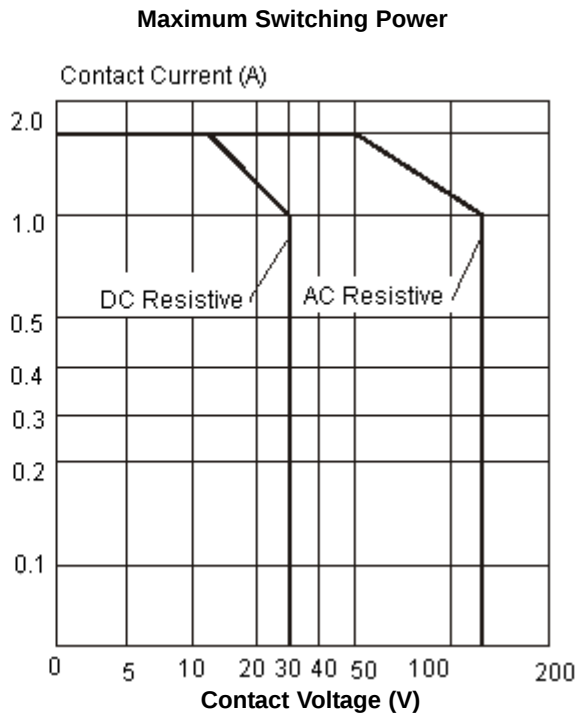
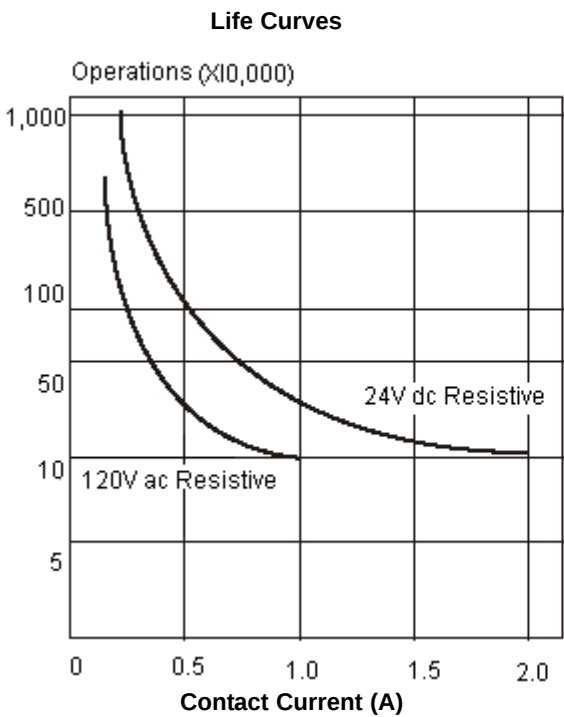
Timing



Coil Temperature Rise



Characteristic Chart Data



Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell plc 2011.