



Contact Data

Contact form : 1 form C.
 Contact material : Ag Alloy.
 Contact rating : 8A 250V ac/24V dc.
 Maximum switching voltage : 400V ac/24V dc.
 Maximum switching current : 8A.
 Maximum switching power : 2000VA, 192W.
 Minimum switching load : 5V dc, 100mA.
 Maximum contact resistance : 100mΩ (6V dc 1A).

Life

Electrical : 100,000 operations.
 Mechanical : 20,000,000 operations.

General Data

Minimum insulation resistance : 100MΩ 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 to +85°C.

Shock Resistance

Endurance : 1000m/s².
 Misoperation : 100m/s².

Vibration Resistance

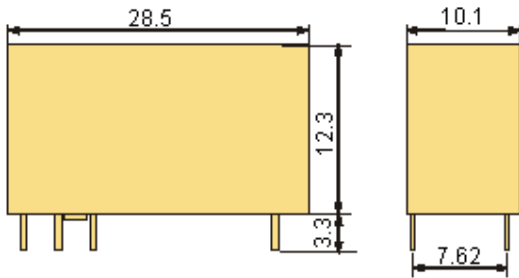
Endurance : 10 to 55Hz, 1.5mm double amplitude.
 Misoperation : 10 to 55Hz, 1.5mm double amplitude.

Humidity : 35% to 95%RH, +40°C.

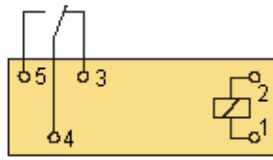
Coil Data Chart 20°C

Nominal Voltage V dc	Coil Resistance Ω ±10%	Operate Voltage ≤ V dc	Release Voltage ≥ V dc	Coil Power mW	Enclosure	Contact Form	Part Number
12	660	9.0	1.2	220-290	Plastic Sealed Type	1 form C	MC25124
24	2200	18.0	2.4				MC25125

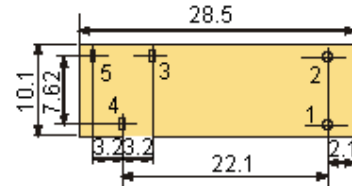
Dimensions (mm)



Wiring Diagrams (Bottom View)



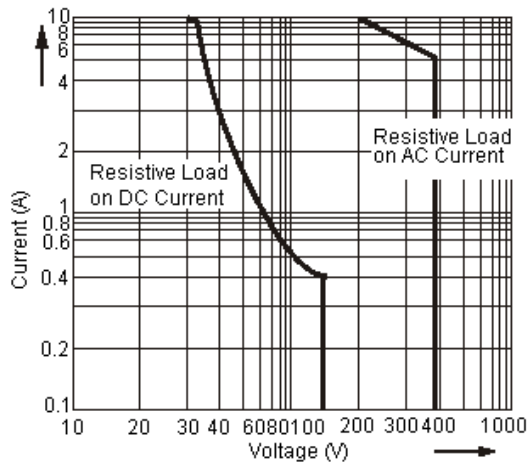
Mounting Hole Layout (Bottom View)



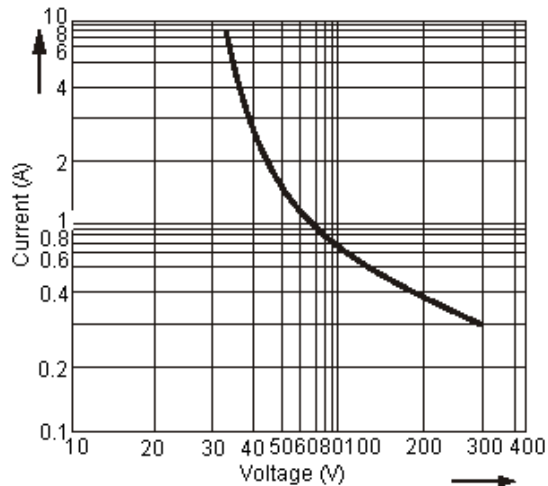
Dimensions : Millimetres

Characteristic Chart Data

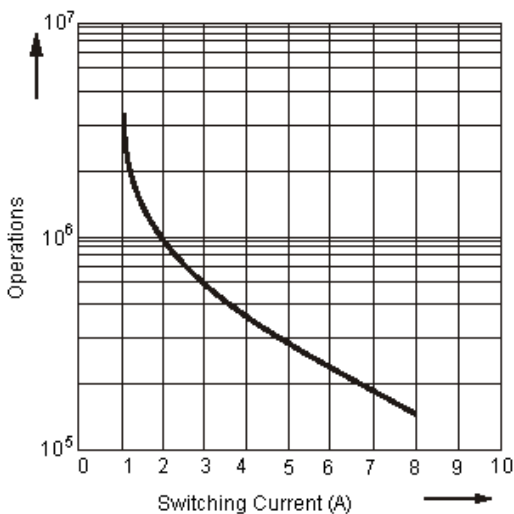
Maximum AC and DC Resistive Load Breaking Capacity



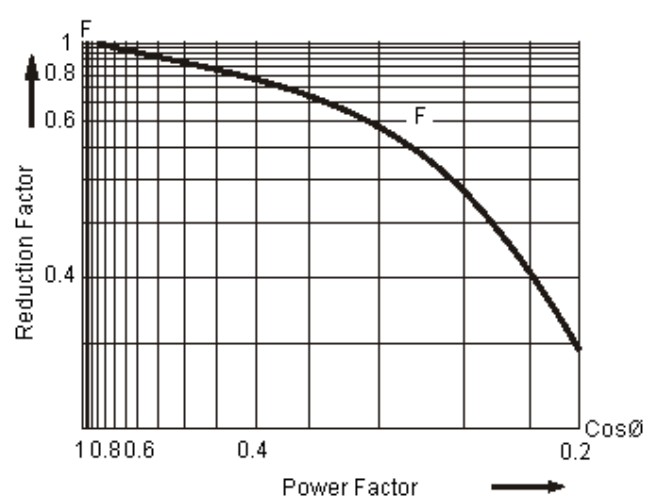
Maximum Breaking Capacity for 1C/O and 1 NO



Electrical Life at AC Resistive Load (No Version)



Electrical Life Reduction Factor at AC Inductive Load



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