



Contact Data

Contact form	: 1 form C.
Contact material	: Ag Alloy.
Contact rating	: Resistive: 12A 250V ac/30V dc. Inductive: 5A 250V ac Cos Ø = 0.4.
Maximum switching voltage	: 380V ac/30V dc.
Maximum switching current	: 12A.
Maximum switching power	: 3000VA, 360W.
Minimum switching load	: 5V dc, 100mA.
Maximum contact resistance	: 100mΩ (6V dc 1A).

Life

Electrical	: 100,000 operations. 50,000 operations (Inductive: Cos Ø0.4, L/R = 7ms).
Mechanical	: 20,000,000 operations.

General Data

Minimum insulation resistance	: 1000MΩ 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/s ² .
Misoperation	: 100m/s ² .

Vibration Resistance

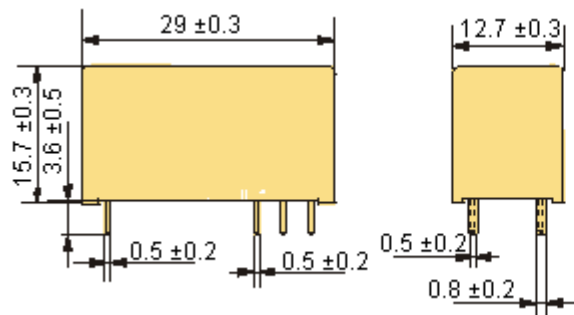
Endurance	: 10 to 55Hz, 1.5mm double amplitude.
Misoperation	: 10 to 55Hz, 1.5mm double amplitude.
Humidity	: 35% to 95%RH, +40°C.

Coil Data Chart 20°C

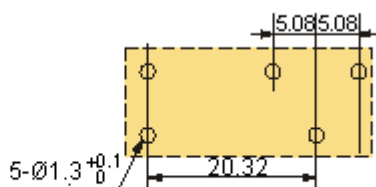
Nominal Voltage V dc	Coil Resistance Ω ±10%	Operate Voltage ≤ V dc	Release Voltage ≥ V dc	Coil Power mW	Enclosure	Contact Form	Part Number
12	360	8.4	1.2	400	Plastic Sealed Type	1 form C	MC25143
24	1440	16.8	2.4				MC25141

Dimensions (mm)

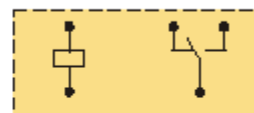
Dimensions 5(mm)



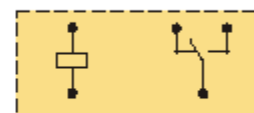
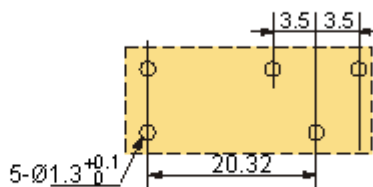
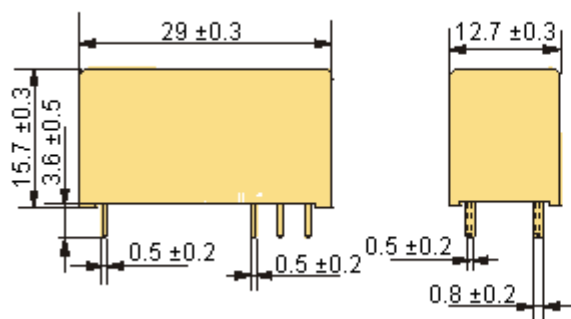
Wiring Diagrams (Bottom View)



Mounting Hole Layout (Bottom View)



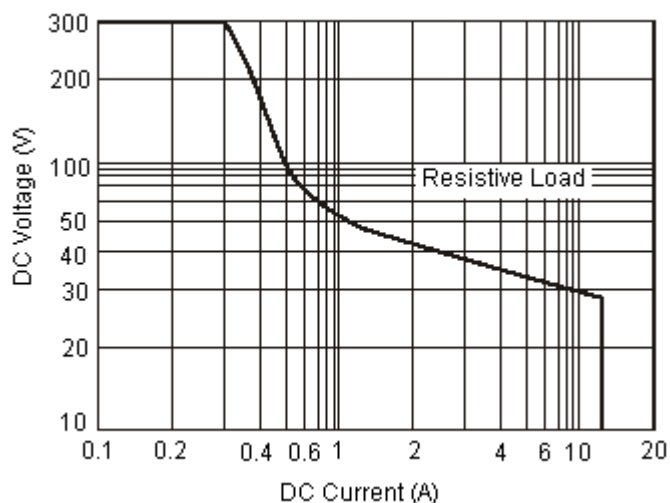
Dimensions 3.5(mm)



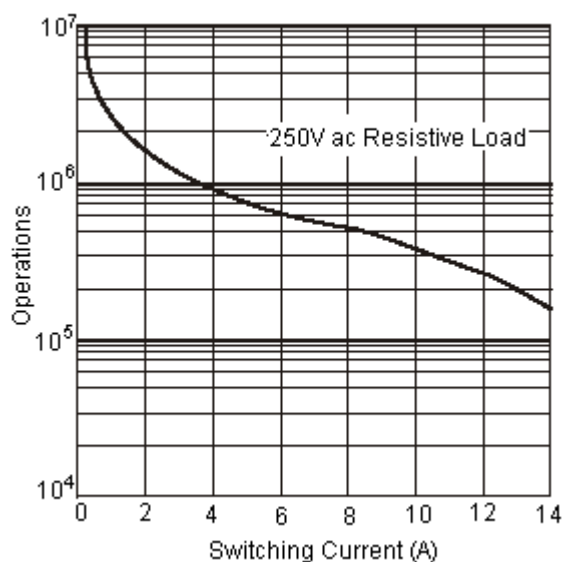
Dimensions : Millimetres

Characteristic Chart Data

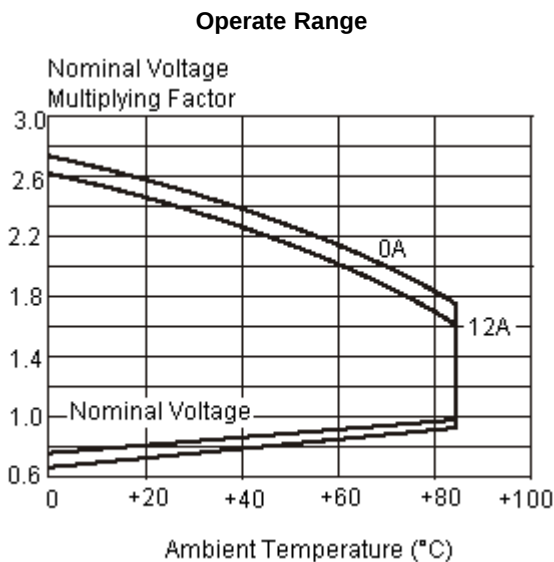
Maximum DC Resistive Load Breaking Capacity



Life Curve



Characteristic Chart Data



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