



Contact Data

Contact form	: 1 form A, 1 form C.
Contact material	: Ag Alloy.
Contact rating	: A: 30A 250V ac/24V dc. C: NO: 20A 250V ac/24V dc. NC: 15A 250V ac/24V dc.
Maximum switching voltage	: 250V ac/24V dc.
Maximum switching current	: 30A.
Maximum switching power	: 7500VA, 720W.
Minimum switching load	: 5V dc, 100mA.
Maximum contact resistance	: 100mΩ (6V dc 1A).

Life

Electrical	: 100,000 operations.
Mechanical	: 10,000,000 operations.

General Data

Minimum insulation resistance	: 1000MΩ 500V dc.
Dielectric strength	: 1500V ac, 1 min between open contacts 2500V ac, 1 min between coil and contacts.
Operate time	: Maximum 15ms.
Release time	: Maximum 10ms.
Operate temperature	: -30 to +85°C.

Shock Resistance

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

Vibration Resistance

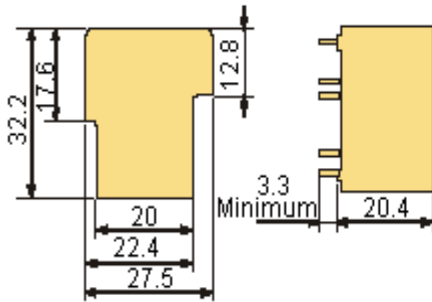
Endurance	: 10 to 55Hz, 1.5mm double amplitude.
Misoperation	: 10 to 55Hz, 1.5mm double amplitude.

Humidity	: 35% to 95%RH, +40°C.
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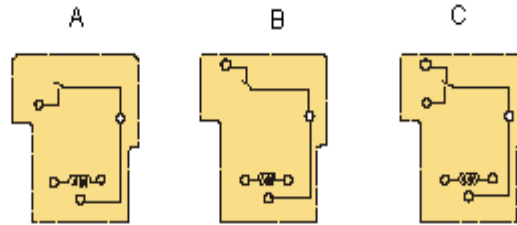
Coil Data Chart 20°C

Nominal Voltage V dc	Coil Resistance Ω ±10%	Operate Voltage ≤ V dc	Release Voltage ≥ V dc	Coil Power mW	Enclosure	Contact Form	Type	Part Number
12	160	8.4	1.2	900	Plastic Sealed Type	1 form A	Nominal	MC25147
						1 form C		MC25148
24	640	16.8	2.4					MC25146

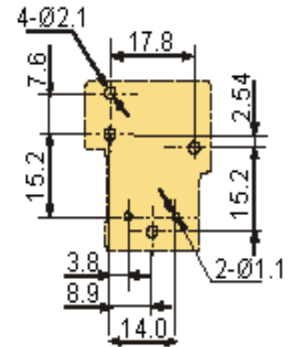
Dimensions (mm)



Wiring Diagrams (Bottom View)



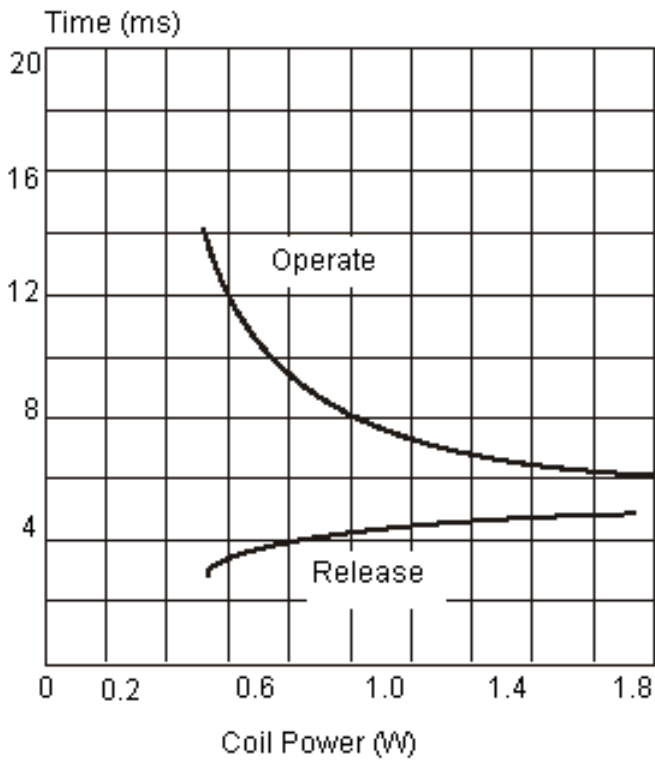
Mounting Hole Layout (Bottom View)



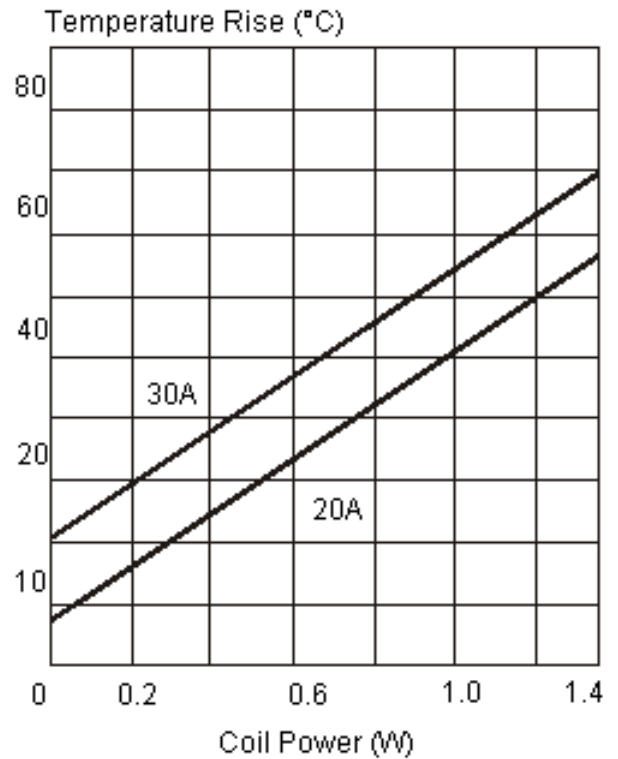
Dimensions : Millimetres

Characteristic Chart Data

Timing

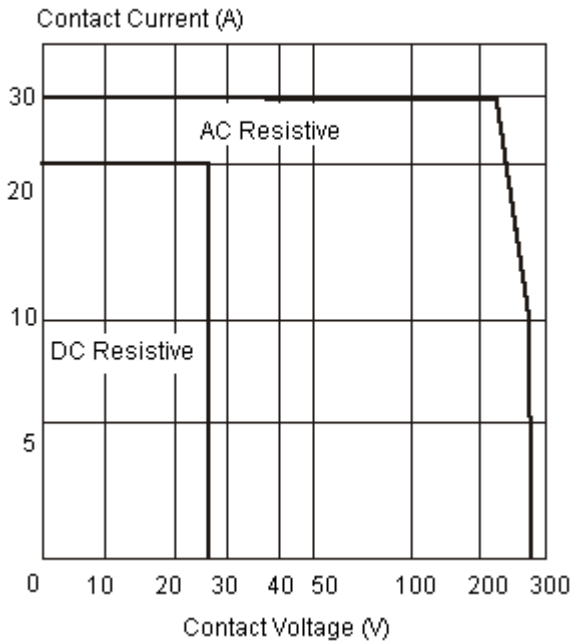


Coil Temperature Rise

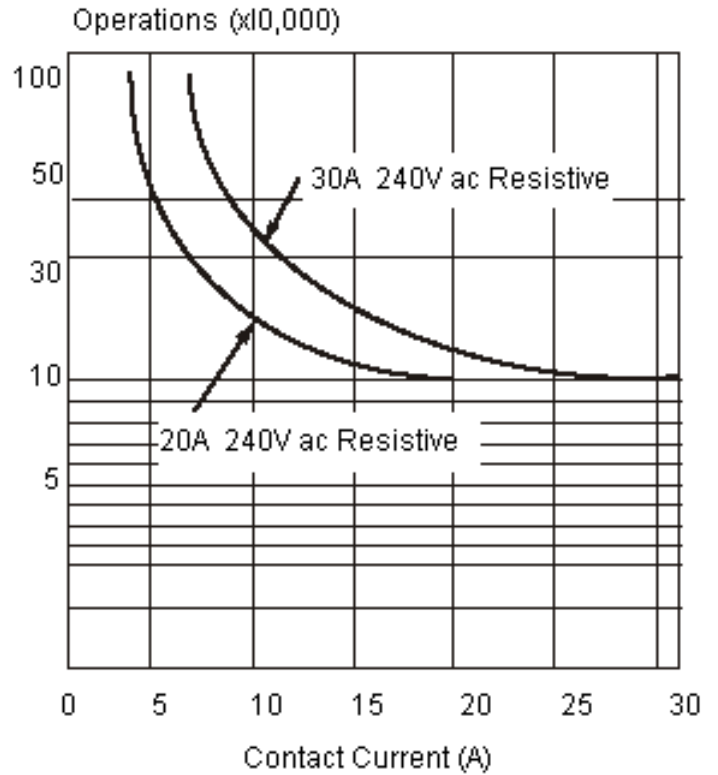


Characteristic Chart Data

Maximum Switching Power



Life Curves



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