

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
Max. Switching Voltage	: 250V AC, 24V DC
Max. Switching Current	: 30A
Max. Switching Power	: 7,500VA, 150W
Min. Switching Load	: 5V DC, 100mA
Max. Contact Resistance	: 100mΩ (6V DC 1A)

Life

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

General Data

Min. Insulation Resistance	: 1,000MΩ 500V DC
Dielectric Strength	: 1,500V AC, 1 min between open contacts 2,500V AC, 1 min between coil and contacts.
Max. Operate Time	: 15ms
Max. Release Time	: 10ms.
Operate Temperature	: -30 to +85°C

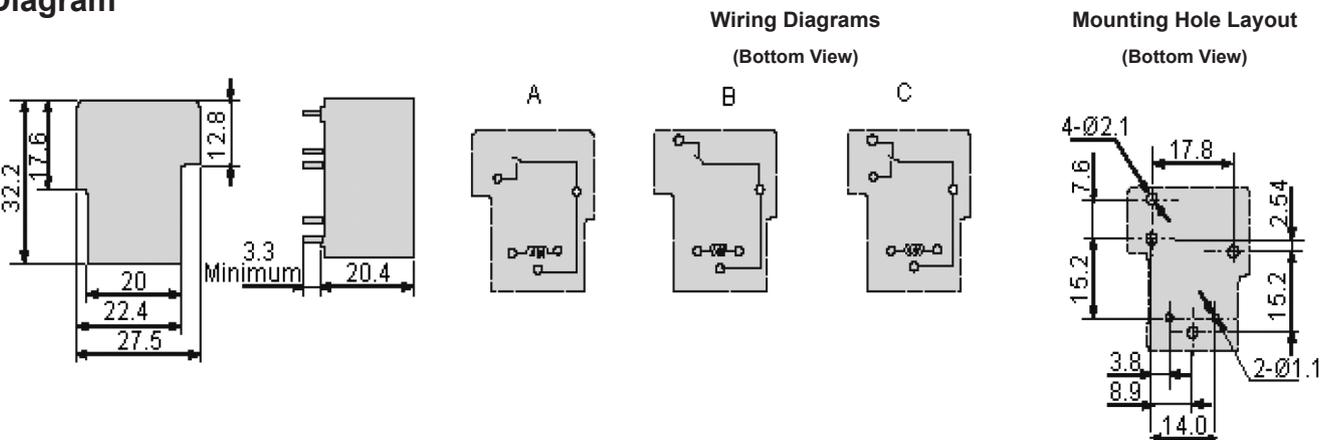
Shock Resistance

Endurance	: 1,000m/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.

Diagram



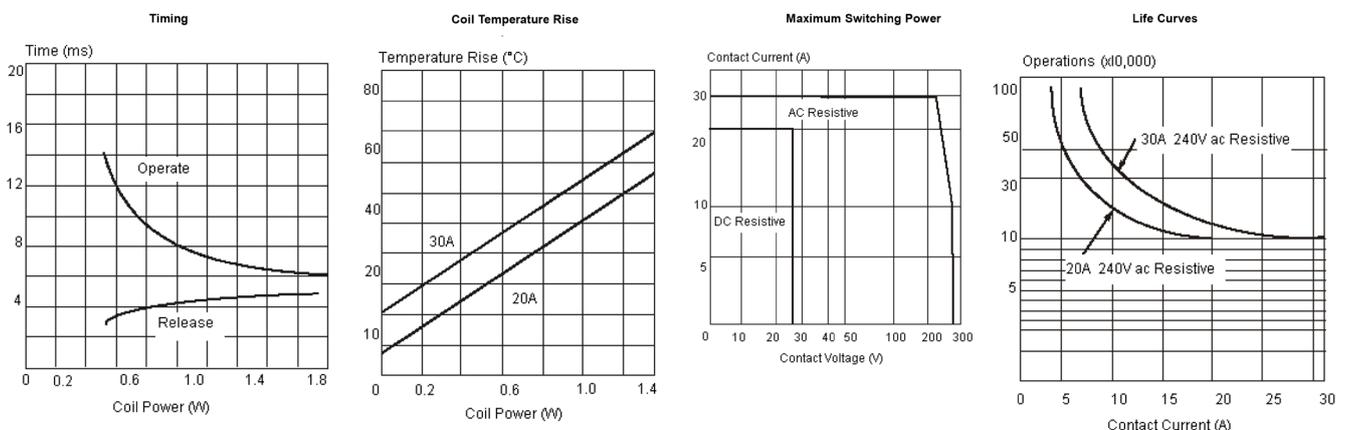
Dimensions : Millimetres

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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	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		

Characteristic Chart Data



Part Number Table

Description	Part Number
Relay, SPDT, 250V AC, 24V DC, 20A	MC25146
Relay, SPST-NO, 250V AC, 24V DC, 30A	MC25147
Relay, SPDT, 250V AC, 12VDC, 30 A	MC25148

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