



Contact Data

Contact Form	: 1 form C
Contact Material	: Ag Alloy
Contact Rating	: 8A 250V AC/24V DC
Max. Switching Voltage	: 400V AC/24V DC
Max. Switching Current	: 8A
Max. Switching Power	: 2,000VA, 192W
Min. Switching Load	: 5V DC, 100mA
Max. Contact Resistance	: 100mΩ (6V DC 1A)

Life

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

General Data

Min. Insulation Resistance	: 100MΩ 500V DC
Dielectric Strength	: 1,000V AC, 1 min between open contacts 5,000V AC, 1 min between coil and contacts
Operate Time	: Max. 10ms
Release Time	: Max. 5ms
Operate Temperature	: -40°C to +85°C

Shock Resistance

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

Vibration Resistance

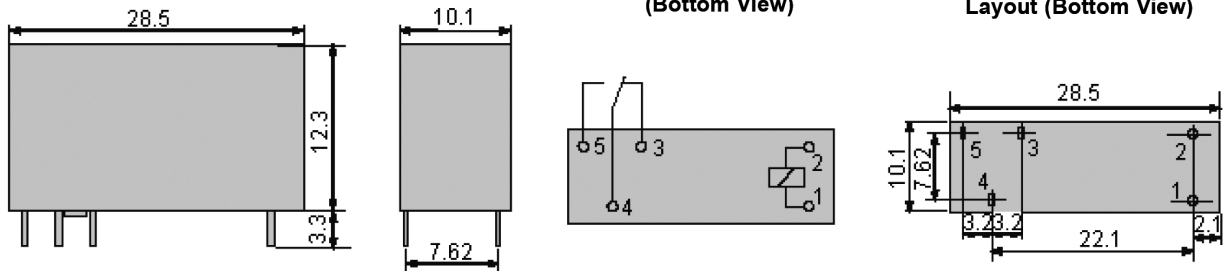
Endurance	: 10 to 55Hz, 1.5mm double amplitude.
Misoperation	: 10 to 55Hz, 1.5mm double amplitude.
Humidity	: 35% to 95%RH, +40°C.

Coil Data Chart

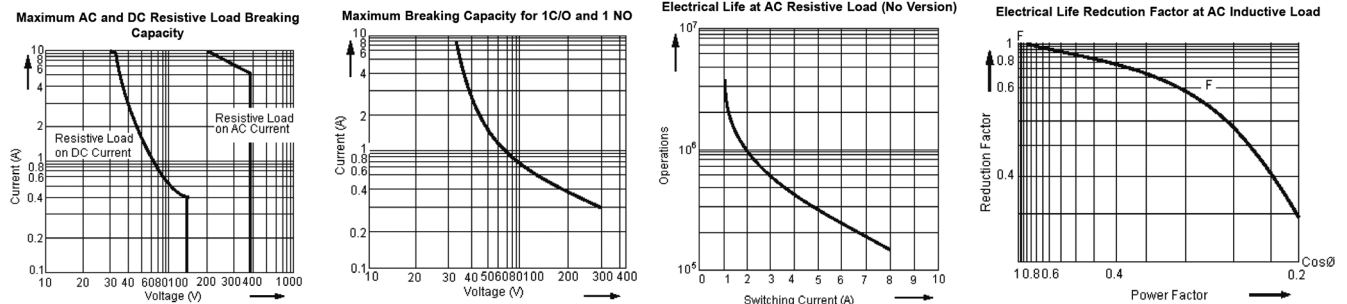
20°C

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	660	9	1.2	220 to 290	Plastic Sealed Type	1 form C	MC25124
24	2200	18	2.4				MC25125

Dimensions



Characteristic Chart Data



Part Number Table

Description	Part Number
Power Relay, SPDT, 12V DC, 8A, Through Hole	MC25124
Power Relay, SPDT, 24V DC, 8A, Through Hole	MC25125

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