



Contact Data

Contact Form	: 2 form C
Contact Material	: Ag Alloy
Contact Rating	: Resistive: 8A 250V AC/30V DC
Inductive	: 4A 240V AC (Cos Ø = 0.4)
Max. Switching Voltage	: 380V AC/30V DC
Max. Switching Current	: 8A
Max. Switching Power	: 2,000VA, 240W
Min. Switching Load	: 5V DC, 100mA
Max. Contact Resistance	: Max. 100mΩ (6V DC 1A)

Life

Electrical	: 100,000 operations 50,000 operations (COS Ø = 0.4, L/R = 7ms)
Mechanical	: 20,000,000 operations

General Data

Min. Insulation Resistance	: 10,000MΩ 500V DC
Dielectric Strength	: 1,000V AC, 1 min between open contacts 4,000V AC, 1 min between coil and contacts
Operate Time	: Max. 10ms
Release Time	: Max. 5ms
Operate Temperature	: -30°C to +85°C

Shock Resistance

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

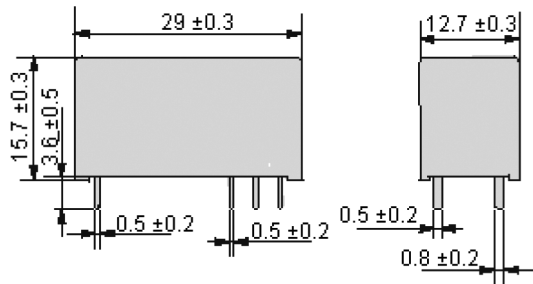
Vibration Resistance

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

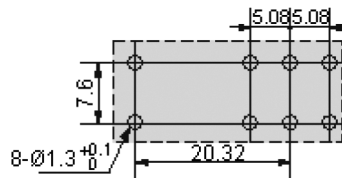
Coil Data Chart 20°C

Nominal Voltage V DC	Coil Resistance Ω ±10%	Operate Voltage ≤ V DC	Release Voltage ≥ V DC	Coil Power mW	Enclosure	Contact Form	Part Number
24	1440	16.8	2.4	400	Plastic Sealed Type	2 form C	MC25128
12	360	8.4	1.2				MC25129

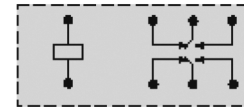
Dimensions



Wiring Diagrams (Bottom View)

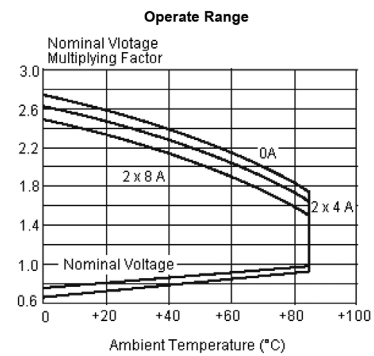
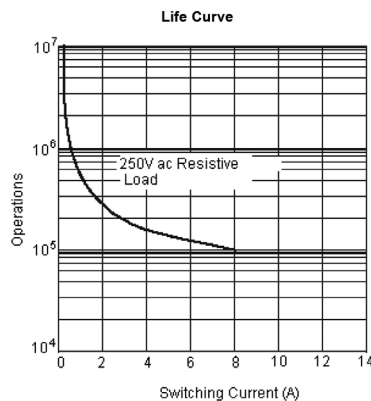
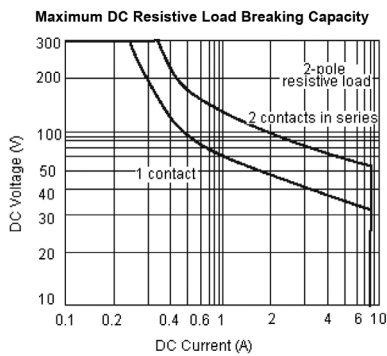


Mounting Hole Layout (Bottom View)



Dimensions : Millimetres

Characteristic Chart Data



Part Number Table

Description	Part Number
Power Relay, DPDT, 24V DC, 8A, Through Hole	MC25128
Power Relay, DPDT, 12V DC, 8A, Through Hole	MC25129

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