

Power Relay



MCJQX-13F-KF2C-XXXX



MCJQX-13F-KF4C-XXXX

Features

- Small size
- High switching power
- High sensitivity

Specifications

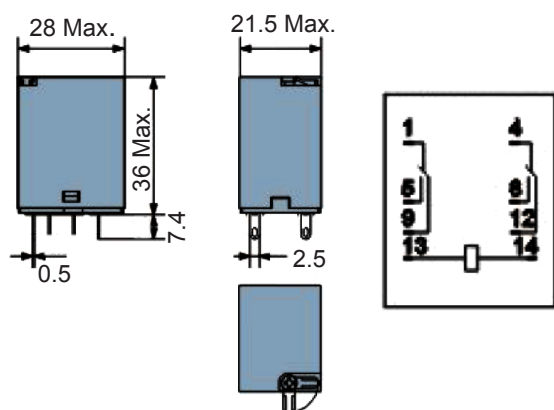
Contact	Contact Form		2 Change	4 Change
	Rated Load	Resistive (AC-1)	10A/250V AC 30V DC	5A/250V AC 30V DC
		Motor (AC-15)	1/3HP, 120V AC 1/2HP, 240V AC	1/3HP, 240V AC 1/6HP, 240V AC
	Operating Power (Resistive)		2500VA 300W	1250VA 150W
	Contact Resistance (Initial)		≤50mΩ	
	Material		Ag alloy	
	Electrical Life		≥ 10 ⁵ Cycles (1800 Ops/h)	
	Mechanical Life		≥ 10 ⁷ Cycles (18000 Ops/h)	
Operate Voltage (at 25°C)			DC:≤75% Rated Voltage, AC: ≤80% Rated Voltage	
Release Voltage (at 25°C)			DC:≥10% Rated Voltage, AC: ≥30% Rated Voltage	
Max. Allowed voltage (at 25°C)			110% Rated Voltage	
Insulation Resistance			≥500MΩ (500V DC)	
Coil Power Consumption	DC (W)		0.9	
	AC (VA)		1.2	
Operate Time			≤20ms	
Release Time			≤20ms	
Dielectric Strength	Between Contacts		1,000V AC/1 min (Leakage Current 1mA)	
	Between Contacts (different pole)		1,000V AC/1 min (Leakage Current 1mA)	
	Between contact and coil		2,000V AC/1 min (Leakage Current 1mA)	
Ambient Temperature			-55°C to +70°C	
Humidity			35% RH to 85% RH	
Atmospheric Pressure			86KPa to 106KPa	
Shock Resistance			10G (Half a wave of pulses of sine: 11ms)	
Vibration Resistance			10~55Hz Dual amplitude: 1mm	
Install Model			Plug-in Terminals/PCB Terminal	
Weight			35g	

Coil Type (25°C)

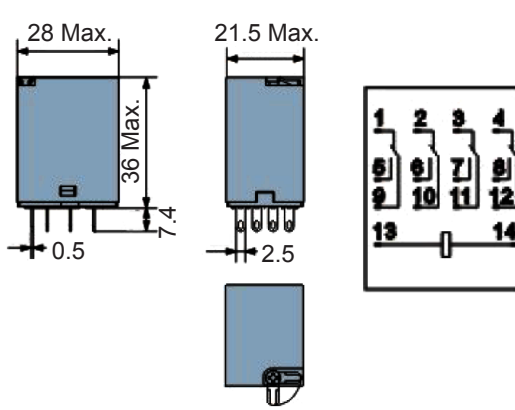
V DC Rated Voltage	24	-	-
Ω ($\pm 10\%$) Coil Resistance	630	-	-
V AC Rated Voltage	24	110	230
Ω ($\pm 10\%$) Coil Resistance	160	3750	15000

Dimension Bottom View

MCJQX-13F-KF2C-XXXX



MCJQX-13F-KF4C-XXXX



Dimensions : Millimetres

Part Number Table

Description	Part Number
Relay, 2C, 10A, 24V DC with Lock Test Button	MCJQX-13F-KF2C-24VDC
Relay, 2C, 10A, 24V DC with Lock Test Button	MCJQX-13F-KF2C-24VAC
Relay, 2C, 10A, 110V AC, with Lock Test Button	MCJQX-13F-KF2C-110VAC
Relay, 2C, 10A, 230V AC, with Lock Test Button	MCJQX-13F-KF2C-230VAC
Relay, 4C, 5A, 24V DC, with Lock Test Button	MCJQX-13F-KF4C-24VDC
Relay, 4C, 5A, 24V AC, with Lock Test Button	MCJQX-13F-KF4C-24VAC
Relay, 4C, 5A, 110V AC, with Lock Test Button	MCJQX-13F-KF4C-110VAC
Relay, 4C, 5A, 230V AC, with Lock Test Button	MCJQX-13F-KF4C-230VAC

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