

Power Relay with LED



MCJQX-13F-KE2C-XXXX



MCJQX-13F-KE4C-XXXX

Features

- Small size
- High switching power
- High sensitivity

Specifications

Contact	Contact Form		2 Change		4 Change	
	Rated Load	Resistive (AC-1)	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			

Power Relay with LED

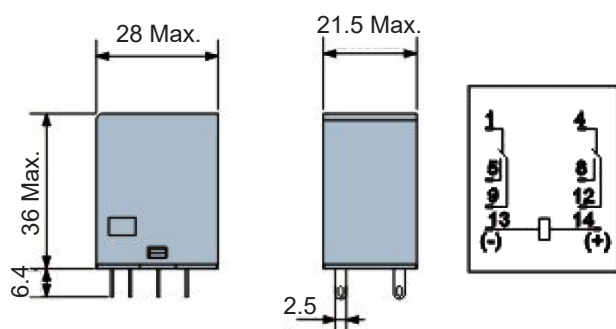


Coil Type (25°C)

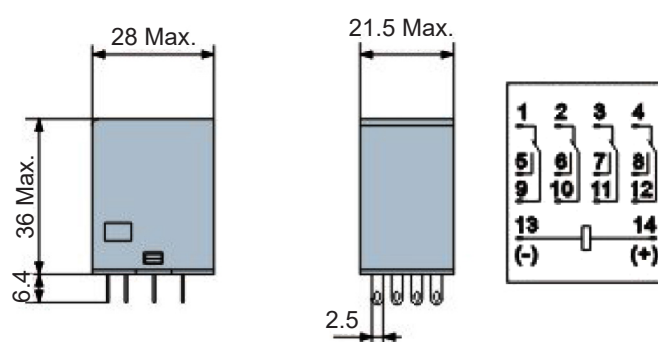
V DC Rated Voltage	24	-	-
Ω ($\pm 10\%$) Coil Resistance	630	-	-
V AC Rated Voltage	24	110	230
Ω ($\pm 10\%$) Coil Resistance	160	3750	15000

Dimension Bottom View

MCJQX-13F-KE2C-XXXX



MCJQX-13F-KE4C-XXXX



Recommended Accessories

Part Number	Description
MCSYF14A-E	Socket for JQX-13F-KE4C Relay
MCSYF14A	Socket for JQX-13F-KE4C Relay
MCSKF14-E	Socket for JQX-13F-KF4C Relay
MCSKB14-E	Socket for JQX-13F-KF4C Relay

Part Number Table

Description	Part Number
Relay, 2C, 5A, 24V DC with LED	MCJQX-13F-KE2C-24VDC
Relay, 2C, 5A, 24V AC with LED	MCJQX-13F-KE2C-24VAC
Relay, 2C, 5A, 110V AC with LED	MCJQX-13F-KE2C-110VAC
Relay, 2C, 5A, 230V AC with LED	MCJQX-13F-KE2C-230VAC
Relay, 4C, 3A, 24V DC with LED	MCJQX-13F-KE4C-24VDC
Relay, 4C, 3A, 24V AC, with LED	MCJQX-13F-KE4C-24VAC
Relay, 4C, 3A, 110V AC, with LED	MCJQX-13F-KE4C-110VAC
Relay, 4C, 3A, 230V AC, with LED	MCJQX-13F-KE4C-230VAC

Dimensions : Millimetres

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