

الحمادي للإلكترونيات
ALHAMMADI FOR ELECTRONICS

YUEQING HONGSHUO ELECTRICAL CO.,LTD

JQC-3F(T73) Relay

- 10A switching capability
- Small footprint
- Sealed type available • Class B available
- Conform to CE directive

COIL DATA (at 20°C)

Nominal Voltage (VDC)	3	5	6	9	12	18	24	48	0.36W
Coil Resistance ($\Omega \pm 10\%$)	25	69	100	225	400	900	1600	6400	
Rated Current (mA)	120	71.4	60	40	30	20	15	7.5	
Max Operate Voltage (VDC)	2.25	3.75	4.5	6.75	9	13.5	18	36	
Min Release Voltage (VDC)	0.15	0.25	0.3	0.45	0.6	0.9	1.2	2.4	
Max Applicable Voltage	70°C rated voltage is 130%, 23°C rated voltage is 170%								

CONTACT DATA

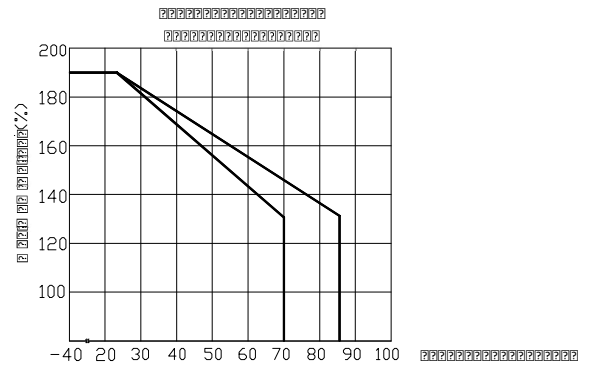
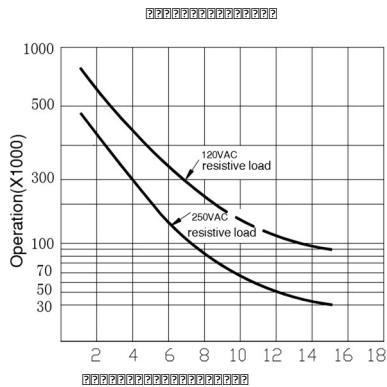
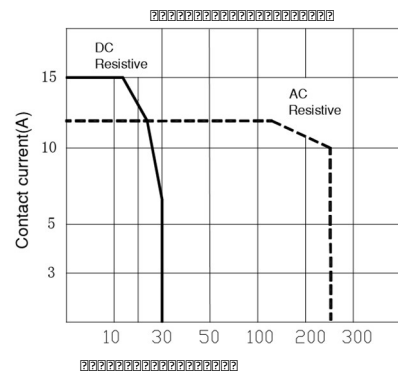
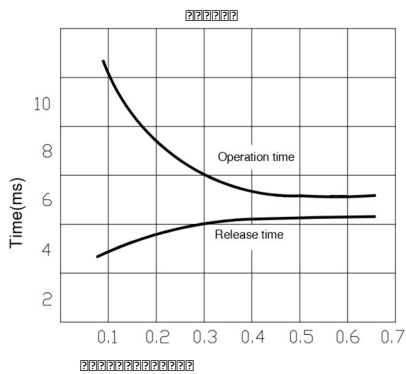
Contact Form	1H/1Z
Contact Material	AgSnO ₂ (AgSnOInO)
Load	Resistive load (COS Φ =1)
Contact Ratings	1H: 10A 240VAC 12A 120VAC 1Z: 7A 240VAC 10A 120VAC
Minimum load	100mA 5VDC
Max Switching Voltage	250VAC/30VDC
Max Switching Current	15A
Max Switching Power	2770VA/240W
Contact Resistance	100m Ω Max at 6VDC 1A
Life Expectancy	Electrical: 100,000 Operations (at 30 Operations/minute)
	Mechanical: 10,000,000 Operations (at 300 Operations/minute)

CHARACTERISTICS DATA

Insulation Resistance	100M Ω Min at 500VDC
Dielectric Strength Between Open Contacts	750VAC (50/60Hz for one minute)
Between Contacts and coil	1500VAC (50/60Hz for one minute)

Operate Time	10ms
Release Time	5ms
Temperature Range	-40°C to +85°C
Shock Resistance	Operating Extremes: 10G
	Damage Limits: 100G
Vibration Resistance	10-55Hz, 1.5mm
Max. switching frequency	Mechanical: 18,000 operations/hr
	Electrical: 1,800 operations/hr
Humidity	40-85%
Weight	Approx 10g
Safety Standard	CE

ENGINEERING DATA



OVERALL AND MOUNTING DIMENSIONS (Unit: mm)

