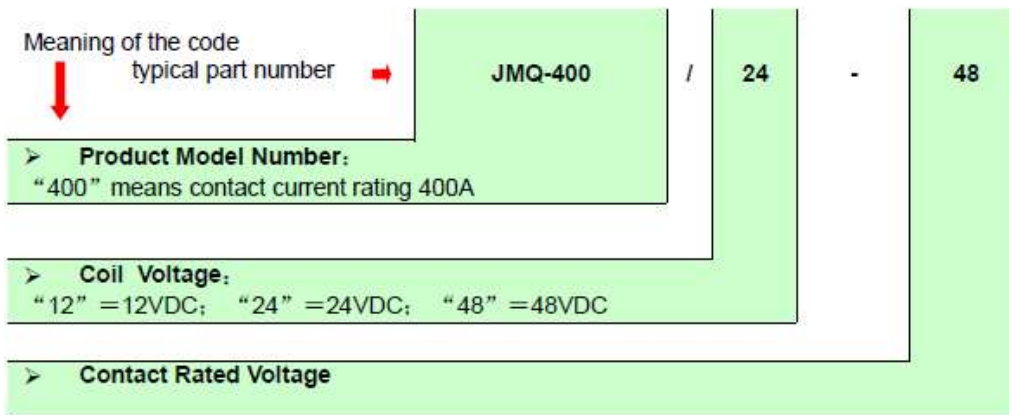


ISTEK-JMQ400 Low Voltage Latching DC Contactor

Part-A: Part Numbering System:



Part-B: Contact Form (Reset Status)

- Main Contact: 1B bridge
- Auxiliary Contact: 1A and 1B bridge

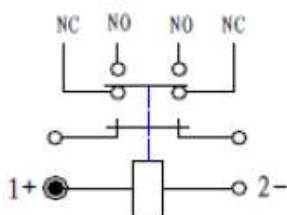
Part-C: Ambient Conditions

- Operating Temperature: -40°C~+70°C
- Relative Humidity: 98% / 40°C
- Low Air Pressure: 2.5KPa
- Vibration: 147m/ s², 5~200Hz
- Shock/strike: 294m/ s²
- Acceleration: 245m/ s²
- Installation Position: free to choose
- Fluctuation Source Power Voltage: ±20% of the rated voltage
- Suitable working mode: non-stopping mode

Part-D: Technical parameters

- Contact voltage drop (reduction): ≤80mV
- Main Contact: Rated Voltage – 48Vdc; Rated Current – 400A
- Auxiliary Contact: Rated Voltage – 24Vdc; Rated Current – 5A
- Electrical Life: 10,000 operations
- Insulation Resistance: Normal Condition – minimum 100MΩ; High Humidity and Post Life - 10MΩ
- Dielectric Strength: Normal Atmosphere Pressure – 1500Vrms / 50Hz; Low Pressure – 350Vrms / 50Hz
- Weight: ≤900g

Part-E: Connection Diagram (New product Reset status – Normally Closed)



Part-F: Coil parameters

Coil Parameters				
Coil Voltage's Pulse Width	100~300ms			
Coil Rated Voltage (Vdc)	12Vdc	24Vdc	48Vdc	60Vdc
Max. Pull-in (close) Voltage (V) (Cold State $20 \pm 5^\circ\text{C}$)	6.0	12.0	24.0	30.0
Max. Release Voltage (V) ($20 \pm 5^\circ\text{C}$)	6.0	12.0	24.0	30.0
($20 \pm 5^\circ\text{C}$) Max. Coil Current (A) (@ Rated Voltage)	2.14A	1.1A	0.54A	0.43A

Note:

*1: The product meets the National Standards GB14048.4-2003.

*2: Newly delivered product is in SET status

Part-G: Outline Dimensions:

