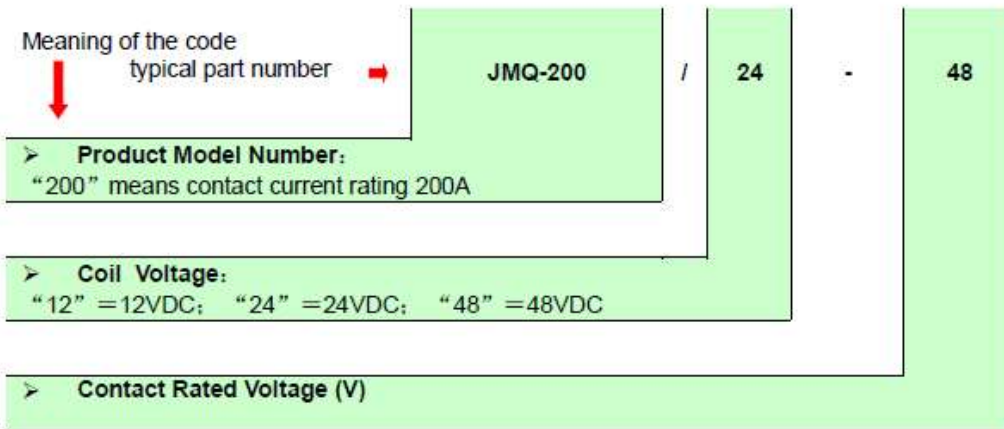


## ISTEK-JMQ200 Low Voltage Latching DC Contactor

### Part-A: Part Numbering System:



### Part-B: Contact Form (Reset Status)

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

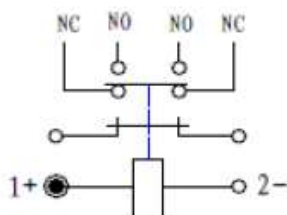
### Part-C: Ambient Conditions

- Operating Temperature: -40°C~+70°C
- Relative Humidity: 98% / 40°C
- Low Air Pressure: 2.5KPa
- Vibration: 147m/ s<sup>2</sup>, 5~200Hz
- Shock/strike: 294m/ s<sup>2</sup>
- Acceleration: 245m/ s<sup>2</sup>
- Installation Position: free to choose
- Fluctuation of 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 – 200A
- Auxiliary Contact: Rated Voltage – 24Vdc; Rated Current – 5A
- Electrical Life: 10,000 operations
- Insulation Resistance: Normal Condition ≥100MΩ; High Humidity and Post Life ≥10MΩ
- Dielectric Strength: Normal Atmosphere Pressure – 1500Vrsm/50Hz; Low Pressure – 350Vrsm/50Hz
- Weight: ≤320g

### Part-E: Connection Diagram (New product Reset status – normally closed)



**Part-F: Coil Specifications**

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±5°C)	6.0	12.0	24.0	30.0
Max. Release Voltage (V) (20±5°C)	6.0	12.0	24.0	30.0
(20±5)°C Max. Coil Current (A) (@ Rated Voltage)	1.80A	0.89A	0.45A	0.36A

**Note:**

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

\*2: Newly delivered product is in SET status

**Part-G: Outline Dimensions:**

