

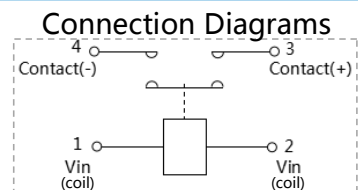


RoHS

GB/T14048.4

Features

- Rated current: 200A
- No polarity requirement for coil input
- Optional built-in energy-saving control module, low holding power, inhibit reverse electromotive force
- Comply with GB14048.4 technical specification
- Used in telecommunication equipment, construction machinery, electric car, electric forklift, train, ship, uninterruptible power control system



Contact Parameter

| | Part No. | Specification |
|--------------------|----------------|--------------------------|
| Rated Voltage | KMJ200-24-12M | 24VDC |
| | KMJ200-24-24M | 24VDC |
| | KMJ200-48-48M | 48VDC |
| | KMJ200-24-24MP | 24VDC |
| Rated Current | | 200A |
| Contact Form | | 1 Normally Open |
| Contact Resistance | | $\leq 0.6\text{m}\Omega$ |
| Mechanical Life | | 1×10^6 times |
| Electrical Life | | $\geq 20,000$ times |

Note :

1. KMJ200-24-24MP comes with a energy-saving control module, the other three models do not.
2. For other contact voltage and coil voltage, please contact FAE.

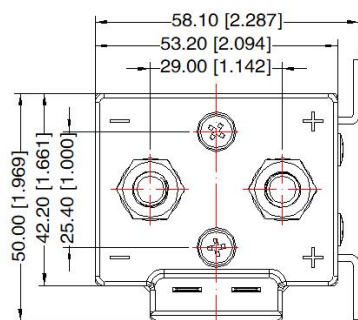
Performance Parameter

| | |
|-----------------------------------|--|
| Insulation Resistance | $\geq 50\text{M}\Omega$ |
| Power Frequency Withstand Voltage | 1,000VAC |
| Start-up Delay Time | $\leq 35\text{ms}$ |
| Turn-off Delay Time | $\leq 5\text{ms}$ (without control module) $\leq 20\text{ms}$ (with control module) |
| Rebound Time | $\leq 5\text{ms}$ |
| Impact | 15g, 11ms, half-sine wave |
| Vibration | 5g, (5-200)Hz |
| Operating Temperature | -40°C to 60°C |
| Storage Humidity | $\leq 90\%\text{RH}$ |
| Terminal Form | M8 external thread |
| Dimensions | 58.1mm*57mm*92.7mm |
| Weight(Typ.) | KMJ200-24-12M / KMJ200-24-24M 400g KMJ200-48-48M 415g KMJ200-24-24MP 380g |

Coil Specification

| Item | KMJ200-24-12M | KMJ200-24-24M | KMJ200-48-48M | KMJ200-24-24MP |
|------------------------|--------------------|---------------------|---------------------|-------------------------|
| Operating Voltage | 12VDC | 24VDC | 48VDC | 9-36VDC (Typ: 12/24VDC) |
| Start-up Voltage | $\leq 8.4\text{V}$ | $\leq 16.8\text{V}$ | $\leq 33.6\text{V}$ | $\leq 9\text{V}$ |
| Turn-off Voltage | $\geq 1.2\text{V}$ | $\geq 2.4\text{V}$ | $\geq 4.8\text{V}$ | $\geq 5\text{V}$ |
| Coil Power Dissipation | | $\leq 11.5\text{W}$ | | $\leq 2.5\text{W}$ |

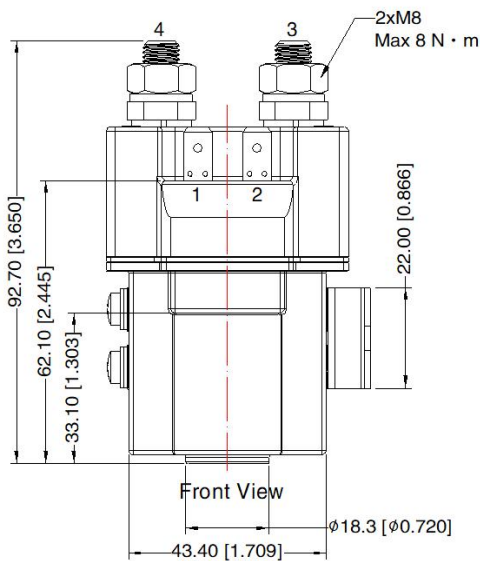
Dimensions and Recommended



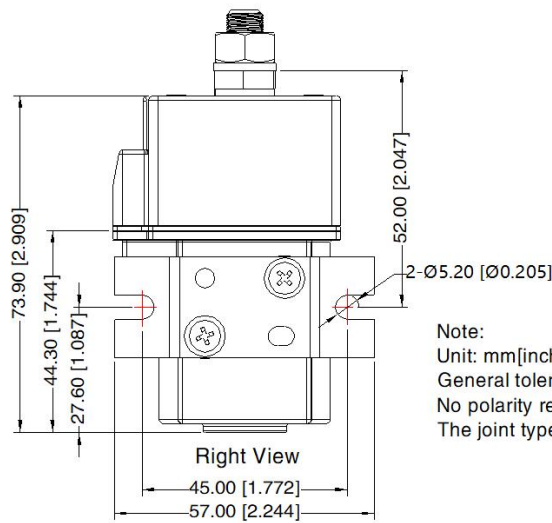
Top View

THIRD ANGLE PROJECTION

| Pin-Out | |
|---------|-------------|
| Pin | Mark |
| 1 | Vin |
| 2 | Vin |
| 3 | Contact (+) |
| 4 | Contact (-) |



Front View



Right View

Note:
 Unit: mm[inch]
 General tolerances: $\pm 1.00 [\pm 0.039]$
 No polarity requirement for Pin 1/2
 The joint type: ST2508612-45C

Note:

1. For additional information on Product Packaging please refer to www.mornsun-power.com. Packaging bag number: 58060005;
2. Unless otherwise specified, parameters in this datasheet were measured under the conditions of $T_a=25^{\circ}\text{C}$, humidity<75%RH with nominal input voltage;
3. All index testing methods in this datasheet are based on company corporate standards;
4. We can provide product customization service, please contact our technicians directly for specific information;
5. Products are related to laws and regulations: see "Features";
6. Hot plug is unavailable.
7. Our products shall be classified according to ISO14001 and related environmental laws and regulations, and shall be handled by qualified units.

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