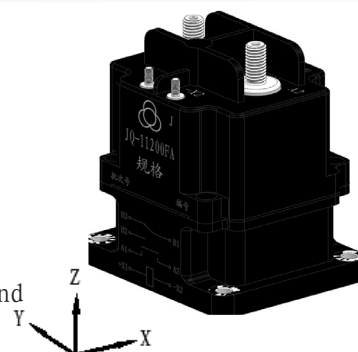


JQ-11200FA High Voltage Contactor Series

Product Introduction

- A set of main contacts, 2 Group Conversion Auxiliary contact.
- The main contacts are non-polarity, Coil transient suppression.
- Using ceramic brazing sealing technology, the product has no risk of leakage.
- The product is filled with arc extinguishing gas inside, effectively cooling the arc and preventing contact oxidation.
- With a long time 200A current carrying capacity.
- Widely use to transfer signal and lines in aerospace, aviation, and other fields Qualified or in accordance with MIL-R-6106M[2009] .



Environment Characteristics

No	Item	Performance
1	Temperature range (°C)	-55 ~ +85
2	Low atmospheric range (kPa)	4.39 (20000m)
3	Relative humidity	5% ~ 85%RH
4	Shock (m/s ²)	196, 11ms
5	Acceleration (m/s ²)	196
6	Random Vibration (g ² /Hz)	0.15
7	Sin-Vibration	10Hz ~ 2000Hz, 20 g

Technical Characteristics

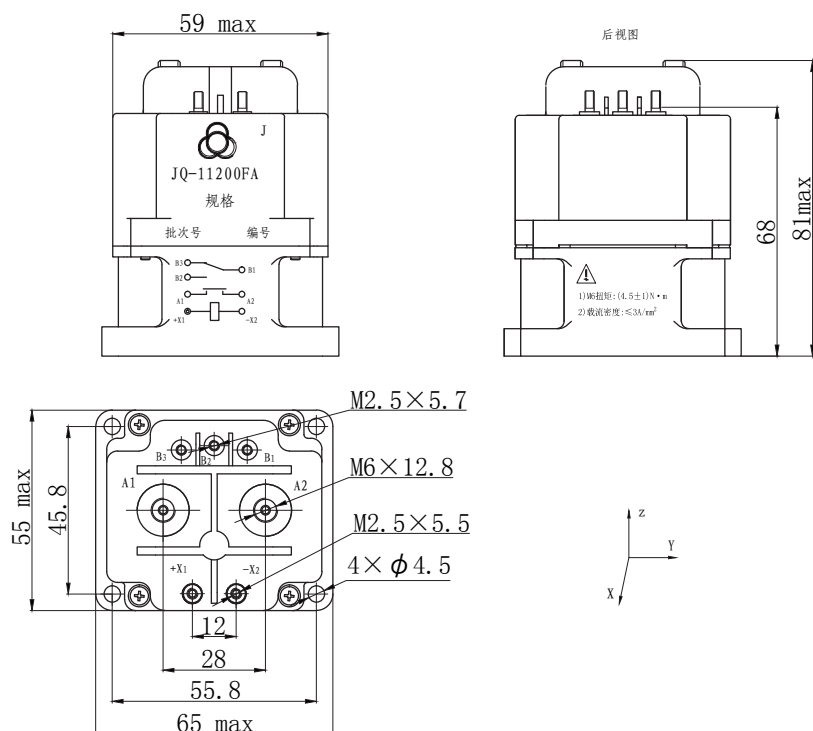
Contact type	Main contact	1H	Electrical life	Main contact	Resistive, 200A, 270Vd.c. , 20000 Resistive, 200A, 450Vd.c. , 6000
	Auxiliary contact	1Z			
Coil consumption (W)	Start power consumption	≤ 80			
	Hold consumption	≤ 8.5			
C o n t a c t resistance (mΩ)	Main contact	≤ 10			
	Auxiliary contact	≤ 50			
Insulation resistance (MΩ) Test voltage: 500 Vd.c.	Under normal condition	≥ 1000			
	Under high temperature and high humidity and after life test	≥ 10			
D i e l e c t r i c withstanding voltage Vr.m.s (50Hz)	Under normal condition	2000	Short term overload currents	Resistive: 400A, 270Vd.c. , 1min	
	Under low atmospheric	400			
Operating time (ms)	≤ 25		Weigh (g)	≤ 470	
Releasing time (ms)	≤ 20				

Coil Characteristics

Code	Coil voltage (V)		25 ± 1 °C				All temperature range	
	Nominal	Maximum	Coil current (A)		Opera voltage (Vd.c. max)	Relea voltage (Vd.c. max)	Opera voltage (Vd.c. max)	Relea voltage (Vd.c. max)
			Hold	Inrush				
28	28	32	0.3	3	18	2	22	2

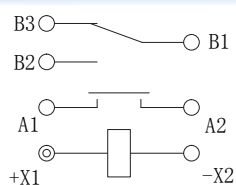
JQ-11200FA High Voltage Contactor Series

Mounting Types



The dimensions in the figure are in millimetres: the tolerance not noted refer to GB/T1804-c. Special installation way available upon to request.

Bottom View



The coil and the load have polarity.

Order Information

JQ-11200FA / 270 - 28 H 1Z Z W Z 6 K
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Product model;
- ② Rated load: 270—270VD. c. ;
- ③ Coil nominal voltage: 28—28Vd. c;
- ④ Main contact way: H—Normally open Main contact;
- ⑤ Auxiliary contact way: 1Z—1 Group Conversion Auxiliary contact;
- ⑥ Main contact polarity: W—non-polarity;
- ⑦ Form of the coil terminal: Z—External thread;
- ⑧ Form of the main contact terminal: 6—External thread;
- ⑨ Installation way: K—4 mounting holes.