

JQY-11200F High Voltage Contactor Series

Product Introduction

- The main contacts are polarity.
- 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.
- Complies with national military standards:
MIL-R-6106M[2009]



Note: The Z-direction is the contact point of the contactor, and the running direction of the armature is.

Environment Characteristics

No	Item		Performance
1	Temperature range(℃)		-55 ~ +85
2	Low atmospheric range(kPa)		4 (22000m)
3	Relative humidity		5% ~ 85%RH
4	Shock (m/s^2)		196
5	Acceleration (m/s^2)		147
6	Random Vibration (g^2/Hz)		10
7	Sin-Vibration	Acceleration (m/s^2)	98
		Frequency (Hz)	10 ~ 2000

Technical Characteristics

Contact type	1H		Nominal load of contacts and life	Resistive, 200A, 750Vd.c. , 1×10^3 Resistive, 200A, 450Vd.c. , 3×10^3 Resistive, 200A, 270Vd.c. , 1×10^4 Resistive, 200A, 28Vd.c. , 1.5×10^4
Coil consumption(W)	Start power consumption	≤ 55		
	Maintain power consumption	≤ 3		
Contact resistance (mΩ) (Test conditions 6Vdc, 20A)	Under normal condition	≤ 10		
	Under high temperature and high humidity and after life test	≤ 15		
I n s u l a t i o n resistance(MΩ) Test voltage:500 Vd.c.	Under normal condition	≥ 1000	Short term overload currents	Resistive: 400A、750Vd.c.、50 times (ordinary temperature)
	Under high temperature and high humidity and after life test	≥ 50		
D i e l e c t r i c withstanding voltage Vr.m.s (50Hz)	Under normal condition	2500	U t m o s t current	Resistive: 600A、750Vd.c.、50 times (ordinary temperature)
	Under low atmospheric	2200		
Action time (ms)	≤ 30		Weigh(g)	$\leq 335g$
Release time (ms)	≤ 10			

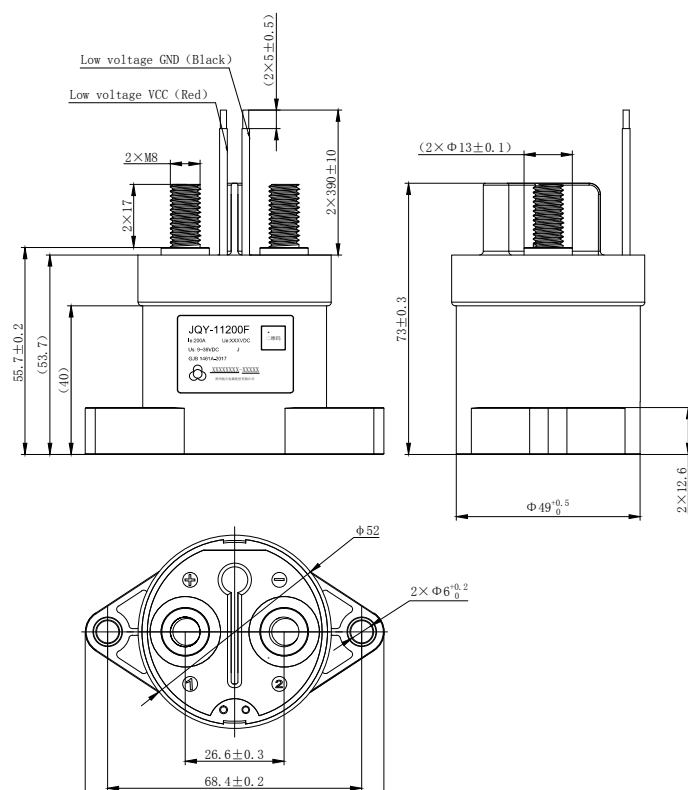
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Coil Characteristics

Code	Coil voltage (Vd. c.)	Pull-in voltage (Vd. c. max)		Drop-out voltage (Vd. c. min)		Maximun surge current (A)	Maximun surge time (ms)
		25℃	All temperature range	25℃	All temperature range		
A	9 ~ 36VDC	≤ 9.0	≤ 10.0	≥ 5.5	≥ 4.5	3.8	130

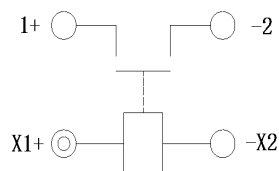
Mounting Types



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

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Bottom View



The coil and the load have polarity

Order Information

JQ Y- 1 1 200 F / 750 - A H L 6- □
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫

- ① Nominal code: JQ- High-power;
- ② Product shape: Y- Circle;
- ③ Number of main contacts: 1-1set;
- ④ Coil type: 1- Transient suppression;
- ⑤ Load current: 200-200A;
- ⑥ Protective feature: F- Closed construction;
- ⑦ Load voltage: 110- 110Vd. c.; 270- 270Vd. c.; 450- 450Vd. c.; 750- 750Vd. c.;
- ⑧ Specifications (Coil voltage): A- 9 ~ 36Vd. c.;
- ⑨ Contact type: H- Normally open;
- ⑩ The form of termina: L- Connection of coil leads;
- ⑪ Main contact installation: 6- External thread;
- ⑫ Retrofit (Customized design).