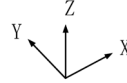


JQ-1050F High Voltage Contactor Series

Product Introduction

- The main contacts are nonpolarity.
- 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]



JQ-1050F

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	Sin- Acceleration (m/s^2)	98
	Vibration Frequency (Hz)	10 ~ 2000

Technical Characteristics

Contact type	1H		Nominal load of contacts and life	Resistive, 50A, 750Vd.c., 1×10 ³ times Resistive, 50A, 450Vd.c., 5×10 ³ times Resistive, 50A, 270Vd.c., 3×10 ⁴ times
Coil consumption (W)	≤ 3.2			
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)	Under normal condition	≥ 1000	Short term overload currents	Resistive: 75 A、270 Vd.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: 200 A、270 Vd.c.、10 times (ordinary temperature)
	Under low atmospheric	2200		
Action time (ms)	≤ 30		Weigh(g)	≤ 180g
Release time (ms)	≤ 10			

JQ-1050F High Voltage Contactor Series

Coil Characteristics

Code	Coil voltage (Vd.c.)		25°C (Vd.c.)		All temperature range (Vd.c.)		Coil resistance $\Omega \pm 10\%$
	Rated voltage	Maximum voltage	Operating voltage (max)	Release voltage (min)	Operating voltage (max)	Release voltage (min)	
024	24.0	27.0	18.0	2.0	21.0	1.2	195

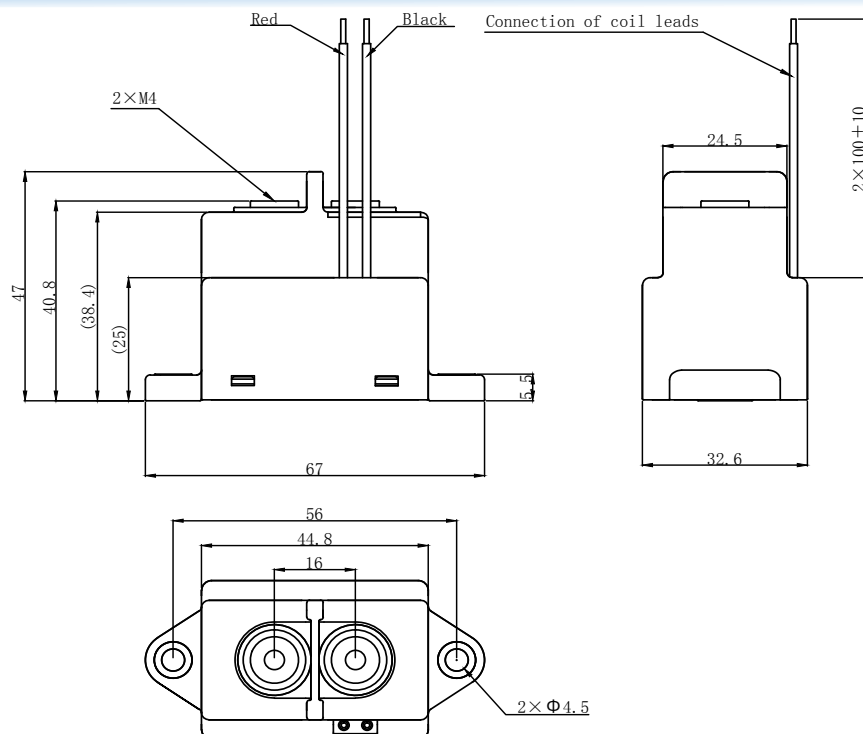
Order Information

JQ - 1 0 50 F / 750 - 28 H L 5 - □

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

- ① Nominal code: JQ- High-power;
- ② Number of main contacts: 1-1set;
- ③ Coil type: 0- No transient suppression;
- ④ Load current: 50-50A;
- ⑤ Protective feature: F- Closed construction;
- ⑥ Load voltage: 270-270Vd.c.; 450-450Vd.c.; 750-750Vd.c.;
- ⑦ Specifications (Coil voltage): 28-28Vd.c.;
- ⑧ Contact type: H- Normally open;
- ⑨ The form of termina: L- Connection of coil leads;
- ⑩ Main contact installation: 5- Internal thread;
- ⑪ Retrofit (Customized design).

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

