

Hubei Jucro Electric CO., LTD.

ADD: 5-1-2103, No.169-5, Tiychang North Rd., 443000, Yichang, Hubei, P.R.CHINA.

Website: www.jucro.com

Email: qiumin@jucro.com

HVJ3-7.2 SERIES VACUUM CONTACTOR

1. General

The vacuum contactor is mainly used in the power system with AC 50Hz and rated voltage 7.2kV, for making or breaking circuit and to make electromagnetic starter with suitable protective device and F-C switchgear.

2. Working condition:

1) Altitude should not be over 1,000m;

2) Ambient temperature: -5~40 ℃;

3) Average temperature in 24 hour not exceed 35 ℃;

4) When the highest temperature is 40 ℃, the relative humidity should not be higher than 50%;

5) Pollution degree: class 3

Main models and technical parameters

Model	Rated voltage(v)		Rated current (Main circuit) (A)	Parameter of main contacts			Power frequency Withstand voltage V(effective value)		
	Main circuit	Control circuit		Clearance (mm)	Over travel (mm)	pressure (N)	Main circuit	Auxiliary circuit	Control circuit
HVJ3-7.2/160	7200	380/220/110	160	3.5±0.3	2±0.2	>85N	32000	2500	2000
HVJ3-7.2/250	7200	380/220/110	250	3.5±0.3	2±0.2	>85N	32000	2500	2000
HVJ3-7.2/400	7200	380/220/110	400	3.5±0.3	2±0.2	>85N	32000	2500	2000
HVJ3-7.2/630	7200	380/220/110	630	3.5±0.3	2±0.2	>85N	32000	2500	2000
HVJ3-7.2/800	7200	380/220/110	800	3.5±0.3	2±0.2	>85N	32000	2500	2000
HVJ3-7.2/1000	7200	380/220/110	1000	3.5±0.3	2±0.2	>85N	32000	2500	2000

Model	Making capacity	Breaking capacity	Limit opening current(A)	Overload	Mechanism life	Weight(kg)
HVJ3-7.2/160	10Ie,100times	8Ie,25times	10Ie	8Ie,10s	1million times	25.5
HVJ3-7.2/250	10Ie,100times	8Ie,25times	10Ie	8Ie,10s	1million times	25.5
HVJ3-7.2/400	10Ie,100times	8Ie,25times	10Ie	8Ie,10s	1million times	25.5
HVJ3-7.2/630	10Ie,100times	8Ie,25times	10Ie	8Ie,10s	1million times	25.5
HVJ3-7.2/800	10Ie,100times	8Ie,25times	10Ie	8Ie,10s	1million times	25.5
HVJ3-7.2/1000	10Ie,100times	8Ie,25times	10Ie	8Ie,10s	1million times	25.5

Note: “Ie” represents the rated current of main circuit