

## 1.14KV Vacuum Contactor(CKJ5-1.14 Series)



CKJ5 series AC vacuum contactor is designed for long-distance making and breaking of circuit, frequency starting and controlling of AC motors in the power systems, with AC 50Hz-60Hz and rated operating voltage of 1,140V. It also can be formed with thermal relay and all kinds of protection apparatus like electromagnetic starter, especially applied to explosion and so on.

### Main technical parameter:

Product model	Rated voltage (V)		Rated current (main circuit)A	Main contact parameter			Power frequency voltage resistance V(effective value)		
	Main circuit	Control circuit		Clearance between open contacts (mm)	Over travel (mm)	Final pressure (N)	Main circuit	Auxiliary circuit	Control circuit
CKJ5-1.14/125	1140	36.110 .220.3 80	125	1.8±0.2	1±0.2	30±3	4200	2500	2000



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CKJ5-1.14/250	1140	36.110 .220.3 80	250	2±0.2	1±0.2	78±7.8	4200	2500	2000
CKJ5-1.14/400	1140	36.110 .220.3 80	400	2±0.2	1±0.2	117.6± 11.8	4200	2500	2000
CKJ5-1.14/600	1140	36.110 .220.3 80	630	2±0.2	1±0.2	196±19 .6	4200	2500	2000
CKJ5-1.14/1000	1140	36.110 .220.3 80	1000	2±0.2	1±0.2	196±19 .6	4200	2500	2000

Product model	Making capacity	Breaking capacity	Limit breaking current(A)	Electricity life times		Mechanical life times	Weight (kg)
				AC-3	AC-4		
CKJ5-1.14/125	10Ie,100times	8Ie,25times	2000,3times	60*10 <sup>4</sup>	6*10 <sup>4</sup>	300*10 <sup>4</sup>	4
CKJ5-1.14/250	10Ie,100times	8Ie,25times	4500,3times	60*10 <sup>4</sup>	6*10 <sup>4</sup>	300*10 <sup>4</sup>	8
CKJ5-1.14/400	10Ie,100times	8Ie,25times	4500,3times	60*10 <sup>4</sup>	20*10 <sup>4</sup>	300*10 <sup>4</sup>	12
CKJ5-1.14/600	10Ie,100times	8Ie,25times	6000,3times	60*10 <sup>4</sup>	0.5*10 <sup>4</sup>	300*10 <sup>4</sup>	20
CKJ5-1.14/1000	10Ie,100times	8Ie,25times	6000,3times	60*10 <sup>4</sup>	0.5*10 <sup>4</sup>	300*10 <sup>4</sup>	20

## 3KV Vacuum Contactor(CKJ-3 Series)



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### CKJ-3/200 AC High-Voltage Vacuum Contactor

CKJ-3/200 series AC vacuum contactor is designed for long-distance making and breaking of circuit, frequency starting and controlling of AC motors in the power system, with AC 50Hz-60Hz and rated operating voltage of 3000V. It also can be formed with thermal relay and all kinds of protection apparatus like electromagnetic starter, especially applied to mine and so on.

#### Main technical parameter:

Type	Rated voltage (V)		Rated current Main circuit (A)	Main contact parameter			Power frequency voltage resistance V (effective value)		
	Main circuit	Control circuit		Clearance Between open contacts voltage	Over travel (mm)	Final Pressure (N)	Main circuit	Auxiliary circuit	Control circuit
CKJ-3/200	3000	110 220	200	3.5±0.3	1.5±0.3	100±20	23000	2500	2000

Use category	Making capacity	Breaking capacity	Limit breaking current	Overload capacity	Mechanical life times	Weight
AC-4	10le,100 time	8le,25 time	4500,3 time	8le,10S	300×10 <sup>4</sup>	21kg

## 7.2KV Vacuum Contactor(JCZ5-7.2 Series)



### Detailed product description:

The high-voltage vacuum contactor is suitable for the distribution systems of metallurgy, mining, petro-chemistry and architecture, to control the equipment using electricity (3.6kV, 7.2kV or 12kV), transformers and capacitive loadings. Because of its small volume, light weight, packaged design of upper and lower arrangement and prevalence in the world, it is convenient to use, maintain and form the complete equipment of f-c loop. It is comprised of electricity operation and mechanical operation mechanism.

### Main technical parameter:

Product model	Rated voltage (V)		Rated current (main circuit)A	Main contact parameter			Power frequency voltage resistance V(effective value)		
	Main circuit	Control circuit		Clearance between open contacts (mm)	Over travel (mm)	Final pressure (N)	Main circuit	Auxiliary circuit	Control circuit
JCZ5-7.2/200	7200	110,220	200	$4.5_{-0.5}^{+1}$	$1.5 \pm 0.5$	>85N	3200	2500	2000
JCZ5-7.2/400	7200	110,220	400	$4.5_{-0.5}^{+1}$	$1.5 \pm 0.5$	>85N	3200	2500	2000
JCZ5-7.2/630	7200	110,220	630	$5_{-0.5}^{+1}$	$1.5 \pm 0.5$	>85N	3200	2500	2000

Product model	Making capacity	Breaking capacity	Limit breaking current (A)	Mechanical life times	Weight (kg)
JCZ5-7.2/200	10Ie,100times	8Ie,25times	10Ie	30*10 <sup>4</sup>	28
JCZ5-7.2/400	10Ie,100times	8Ie,25times	10Ie	30*10 <sup>4</sup>	28
JCZ5-7.2/630	10Ie,100times	8Ie,25times	10Ie	30*10 <sup>4</sup>	28

## 7.2KV Vacuum Contactor(CKG3-7.2 Series)



### Detailed product description:

The vacuum contactor is mainly used in the power systems with AC 50Hz and rated voltage 6kV or 12kV, for making or breaking circuit and to make electromagnetic starter with suitable protective device and F-C case.

### Working condition:

- 1) Altitude above sea should not be over 1,000m;
- 2) Ambient temperature is -5~40°C;
- 3) Average temperature in 24 hour limited below 35°C;
- 4) When the highest temperature is 40°C, the relative humidity should not be higher than 50%;
- 5) Pollution degree: class 3.

Main technical parameter:



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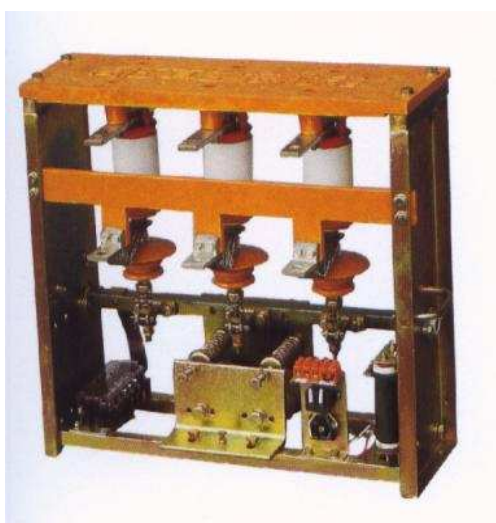
Product model	Rated voltage (V)		Rated current (main circuit)A	Main contact parameter			Power frequency voltage resistance V(effective value)		
	Main circuit	Control circuit		Clearance between open contacts (mm)	Over travel (mm)	Final pressure (N)	Main circuit	Auxiliary circuit	Control circuit
CKG3-7.2/160	7200	220/110	160	3.5±0.3	2±0.2	>85N	3200	2500	2000
CKG3-7.2/250	7200	220/110	250	3.5±0.3	2±0.2	>85N	3200	2500	2000
CKG3-7.2/400	7200	220/110	400	3.5±0.3	2±0.2	>85N	3200	2500	2000
CKG3-7.2/630	7200	220/110	630	3.5±0.3	2±0.2	>85N	3200	2500	2000
CZG1-7.2/400	7200	220/110	400	4.5±0.3	2±0.2	>85N	3200	2500	2000
ZN-7.2/630	7200	220	630	5±0.5	2±0.2	>85N	3200	2500	2000

Product model	Making capacity	Breaking capacity	Limit breaking current (A)	Over load capacity	Mechanical life times	Weight (kg)
CKG3-7.2/160	10Ie,100times	8Ie,25times	10Ie	8Ie,10s	100*10 <sup>4</sup>	25.5
CKG3-7.2/250	10Ie,100times	8Ie,25times	10Ie	8Ie,10s	100*10 <sup>4</sup>	25.5
CKG3-7.2/400	10Ie,100times	8Ie,25times	10Ie	8Ie,10s	100*10 <sup>4</sup>	25.5
CKG3-7.2/630	10Ie,100times	8Ie,25times	10Ie	8Ie,10s	100*10 <sup>4</sup>	25.5
CZG1-7.2/400	10Ie,100times	8Ie,25times	10Ie	8Ie,10s	100*10 <sup>4</sup>	27
ZN-7.2/630	10Ie,100times	8Ie,25times	10Ie	8Ie,10s	100*10 <sup>4</sup>	36

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## 7.2KV Vacuum Contactor(CZG1 Series)



## 7.2KV Vacuum Contactor(ZN-7.2 Series)



## 12KV Vacuum Contactor(JCZ5-12 Series)





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**Detailed product description:**

The high-voltage vacuum contactor is suitable for the distribution systems of metallurgy, mining, petro-chemistry and architecture, to control the equipment using electricity (3.6kV, 7.2kV or 12kV), transformers and capacitive loadings. Because of its small volume, light weight, packaged design of upper and lower arrangement and prevalence in the world, it is convenient to use, maintain and form the complete equipment of f-c loop. It is comprised of electricity operation and mechanical operation mechanism.

**Main technical parameter:**

Product model	Rated voltage (V)		Rated current (main circuit)A	Main contact parameter			Power frequency voltage resistance V(effective value)		
	Main circuit	Control circuit		Clearance between open contacts (mm)	Over travel (mm)	Final pressure (N)	Main circuit	Auxiliary circuit	Control circuit
JCZ5-12/200	12000	110,220	200	$5_{-0.5}^{+1}$	$1.5 \pm 0.5$	>85N	42000	2500	2000
JCZ5-12/400	12000	110,220	400	$5_{-0.5}^{+1}$	$1.5 \pm 0.5$	>85N	42000	2500	2000
JCZ5-12/630	12000	110,220	630	$5_{-0.5}^{+1}$	$1.5 \pm 0.5$	>85N	42000	2500	2000

Product model	Making capacity	Breaking capacity	Limit breaking current (A)	Mechanical life times	Weight (kg)
JCZ5-12/200	10Ie,100times	8Ie,25times	10Ie	$30 \times 10^4$	35
JCZ5-12/400	10Ie,100times	8Ie,25times	10Ie	$30 \times 10^4$	35
JCZ5-12/630	10Ie,100times	8Ie,25times	10Ie	$30 \times 10^4$	35

## 12KV Vacuum Contactor(CKG-12 Series)



### Detailed product description:

The vacuum contactor is mainly used in the power systems with AC 50Hz and rated voltage 6kV or 12kV, for making or breaking circuit and to make electromagnetic starter with suitable protective device and F-C case. Working condition: 1) Altitude above sea should not be over 1,000m 2) Ambient temperature is -5~40°C 3) Average temperature in 24 hour limited below 35°C 4) When the highest temperature is 40°C, the relative humidity should not be higher than 50% 5) Pollution degree: class 3

### Main technical parameter:

Product model	Rated voltage (V)		Rated current (main circuit) (A)	Main contact parameter			Power frequency voltage resistance V(effective value)		
	Main circuit	Control circuit		Clearance between open contacts (mm)	Over travel (mm)	Final pressure (N)	Main circuit	Auxiliary circuit	Control circuit
CKG-12/160	12000	220/110/380	160	5±0.5	2±0.2	>85N	42000	2500	2000
CKG-12/250	12000	220/110/380	250	5±0.5	2±0.2	>85N	42000	2500	2000
CKG-12/400	12000	220/110/380	400	5±0.5	2±0.2	>85N	42000	2500	2000
CKG-12/630	12000	220/110/380	400	5±0.5	2±0.2	>85N	42000	2500	2000



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<b>Product model</b>	<b>Making capacity</b>	<b>Breaking capacity</b>	<b>Limit breaking current (A)</b>	<b>Mechanical life times</b>	<b>Weight (kg)</b>
CKG-12/160	10Ie,100times	8Ie,25times	10Ie	100*10 <sup>4</sup>	30
CKG-12/250	10Ie,100times	8Ie,25times	10Ie	100*10 <sup>4</sup>	30
CKG-12/400	10Ie,100times	8Ie,25times	10Ie	100*10 <sup>4</sup>	30
CKG-12/630	10Ie,100times	8Ie,25times	10Ie	100*10 <sup>4</sup>	30