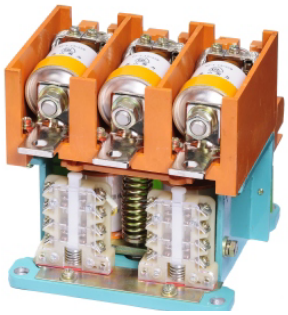
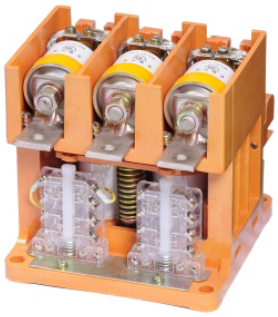
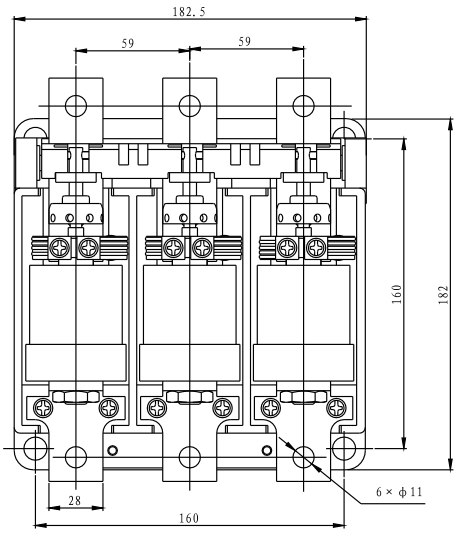
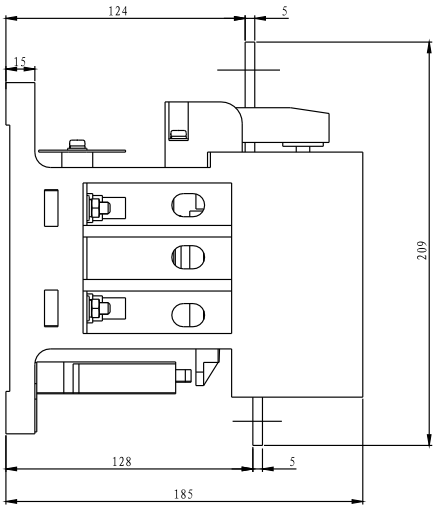
CKJ5-250/1.14
AC Vacuum Contactor 1140V (1.14kV), 250A

CKJ series contactors are suitable in electrical system rated operational voltage up to 1.14kV to make or break remote motors or system, suitable for the control of AC motor's frequent, widely used in power systems, oil fields, chemical industry, mine, metallurgists and electrified railway etc.









Specification of CKJ5-250/1.14	
Operating Voltage	1140V (1.14kV)
Operating Current	250A
Rated Making Capacity (A/50 times)	2500A
Rated Breaking Capacity (A/50 times)	2000A
Limited Breaking Capacity (A/3 times)	4500A
Pick-up Power (W transient)	500
Hold Power (W transient)	30
Mechanical Life Time	1 x 10 ^ 6
Electrical Life Time	6 x 10 ^ 4
Control Power Voltage Options	36, 127, 220V
Auxiliary contact	2 x NO + 1 x NC
Auxiliary contact capacity	AC-15: Ue: AC380V Ie: 0.7A DC-13: Ue: DC220V Ie: 0.1A
Weight	7kg

Service & Installation Condition

1. Ambient temperature: -25 °C - + 45 °C
2. Altitude: No more than 2000m
3. Relative Humidity: it will not exceed 50% when the highest ambient temperature is +40 °C, higher relative humidity is allowed when the temperature is lower. The monthly avarage max. Relative humidity is not more than 90% in the most humid month average temperature 20 °C, and also take the dews into consideration.
4. Operating Condition: Far away rain, snow and violent vibration, without the danger of fire and explosion.
5. Installation Condition: Gradient can not be no more than +/- 15 °C between installation panel and the vertical.
6. Pollution grade: III
7. Installation category: III

Structure and Operating Principle

This kind of Vacuum contactors are mainly composed of vacuum switch tume, insulated frame and actuator system. When power switched on, armature picks up and makes the insulated panel turn, then the movable contact touches the stable contact under the contact force and the spring, which make the main circuit contact. The drop-out spring makes the actuator release, then pulls the movable contact open when the power is tuned off, and now the circuit is open.