



Specifications and technical data are subject to change without notice.
Please contact to confirm relevant information on ordering.

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EBASEE
Smart Living Green Ebasee



CONTROL ELECTRIC



COMPANY PROFILE

As a leading supplier in the low voltage electrics industry, Shanghai Ebasee Electric Co., Ltd. products have been used for residential, commercial and industrial applications with its quality and service. EBASEE brand is recognized for its quality and reliability in an ever-increasing number of markets worldwide. So far EBASEE products have been approved by international labs including BV, TUV, Intertek, with KEMA, CB, SEMKO, RoHS, CE, and CCC etc.

With qualified raw materials and components supply, all products are manufactured by EBASEE's defined international specifications. We have 4 semi-auto production lines, up-to-date quality control facilities, well-trained and experienced workers. Moreover, with a technical R & D team and fully equipped in-house laboratory, EBASEE factory can carry out efficient new products development, daily production and QC.

EBASEE have a wide range of cooperations with world leading companies in new products development, OEM and ODM cooperation. Meanwhile, we process the idea of green and smart energy, working with universities such as Xi'an Jiao Tong University to get more intelligent and environmental electric solutions.

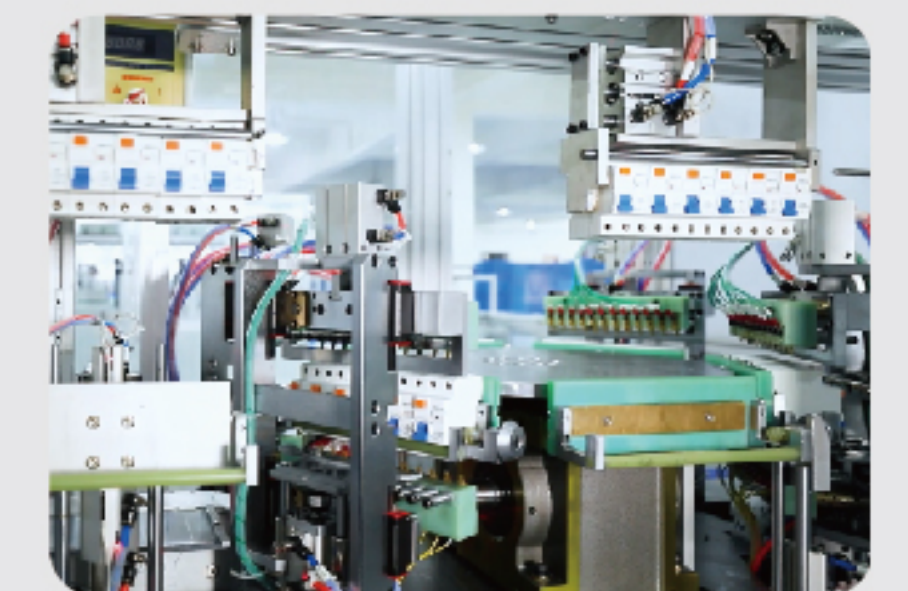
EBASEE focused on achieving growth through the success of worldwide partners. Guided by the philosophy of "market-oriented", powered by the idea of "Quick response and flexible supply", EBASEE support our worldwide partners to compete against established global players, to deliver the most systematic and cost-effective products and service in the market.

"Smart life, Green EBASEE"



Quality is our culture!

PRODUCTION LINE

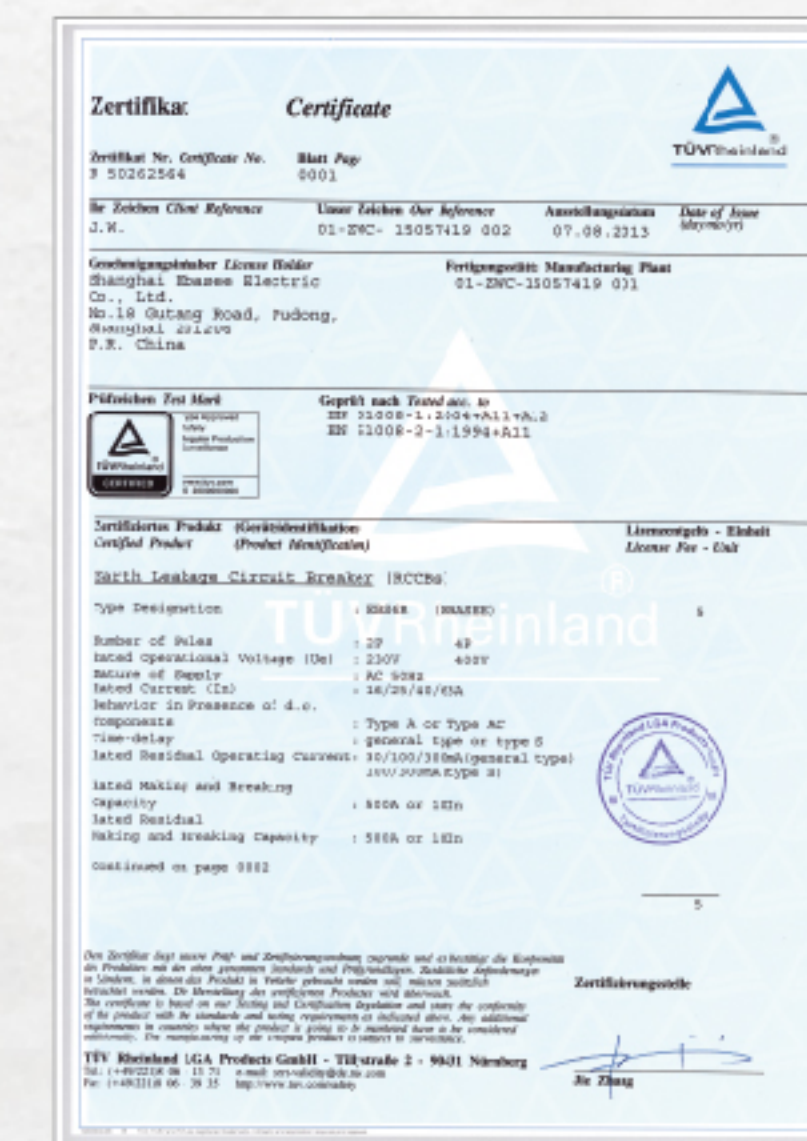
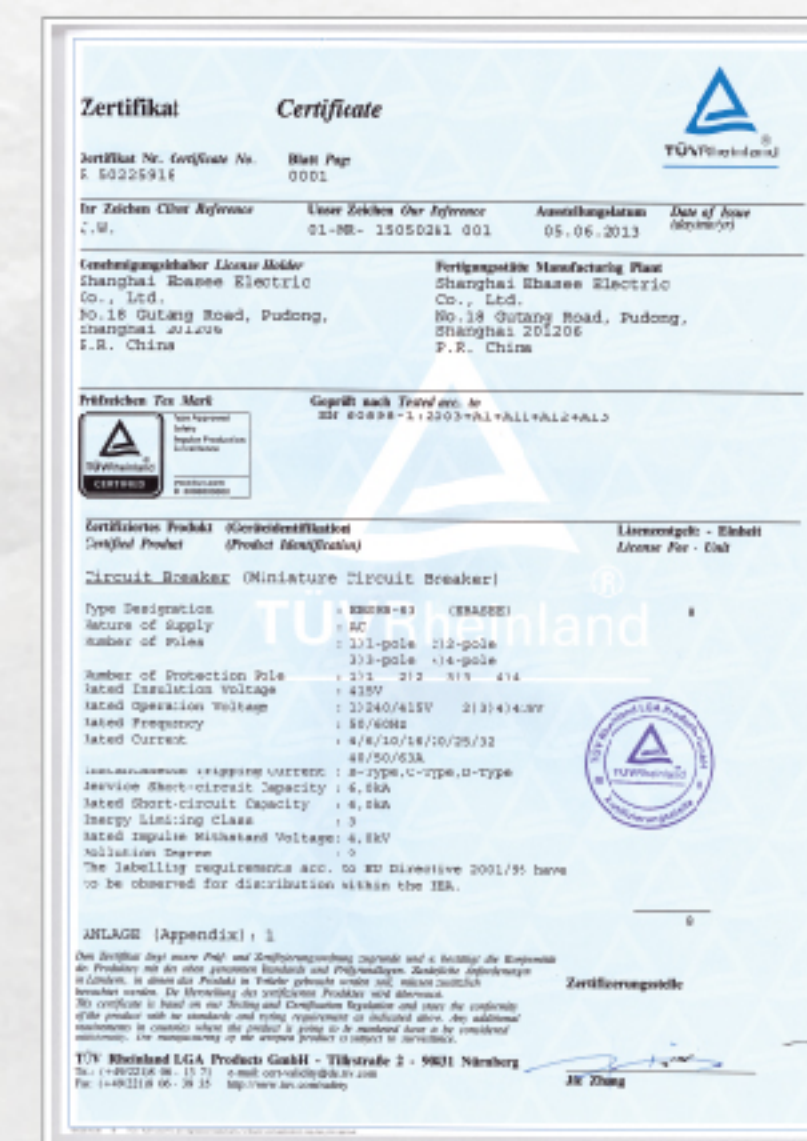
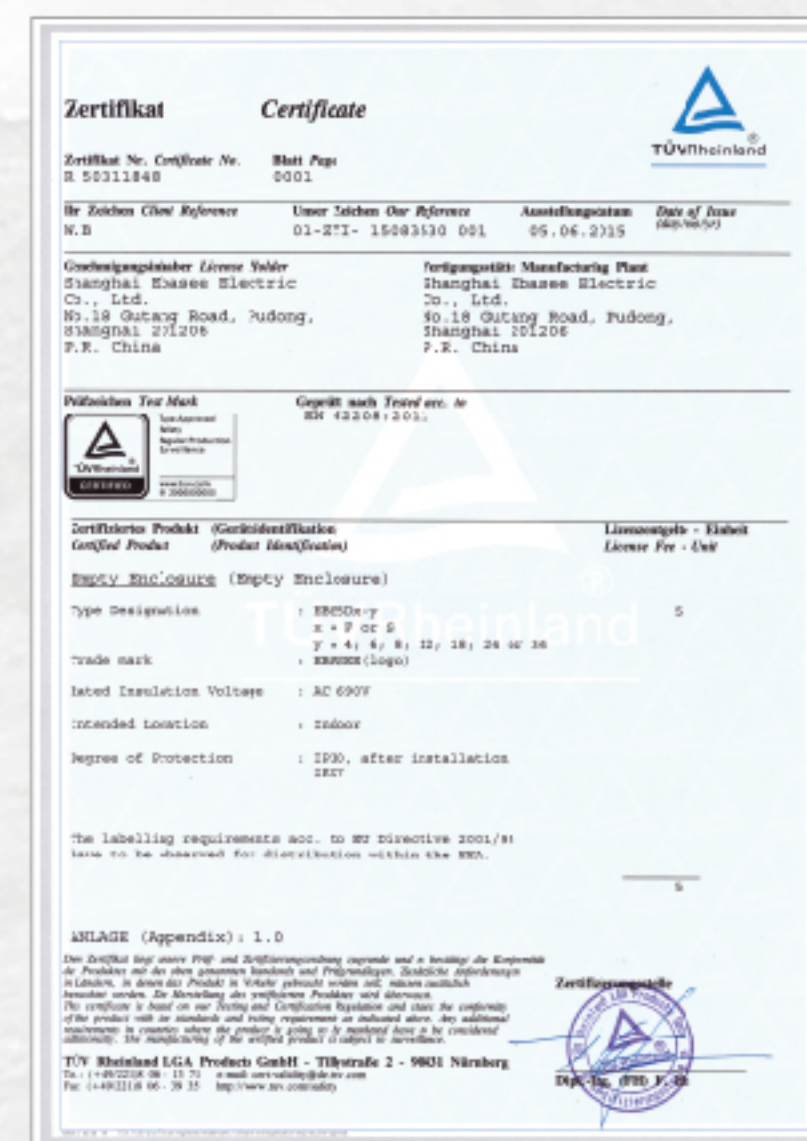
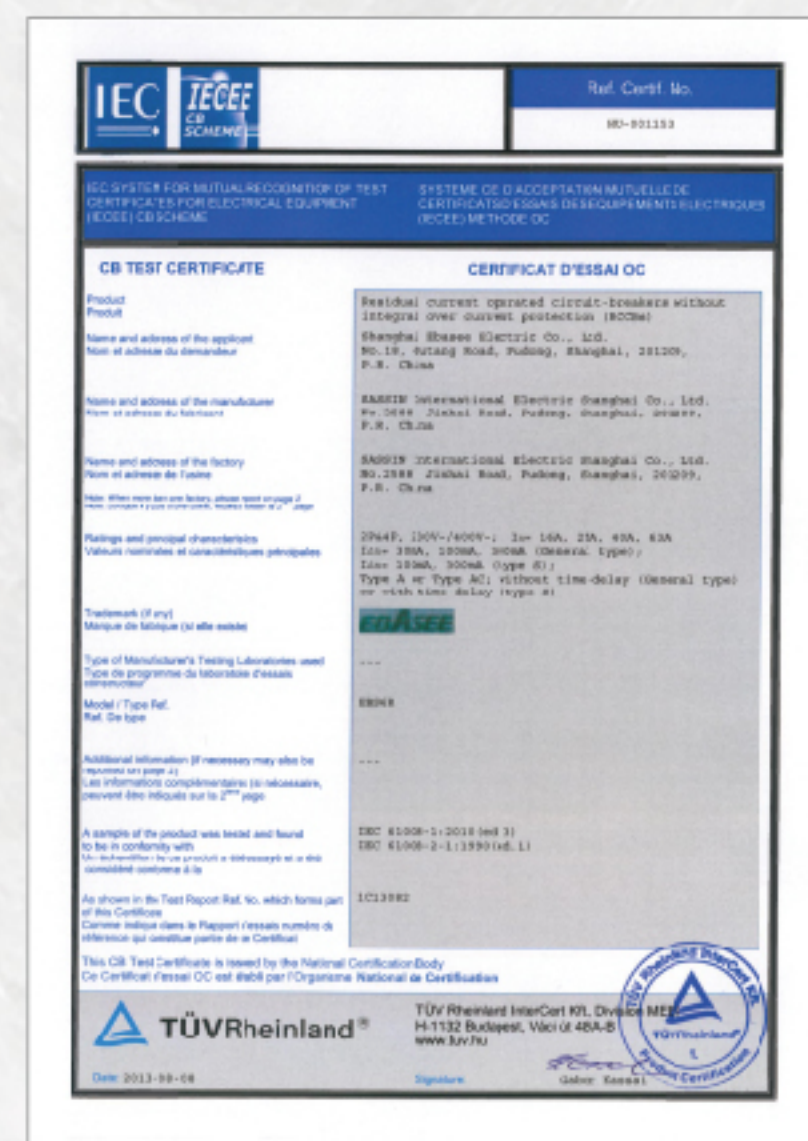
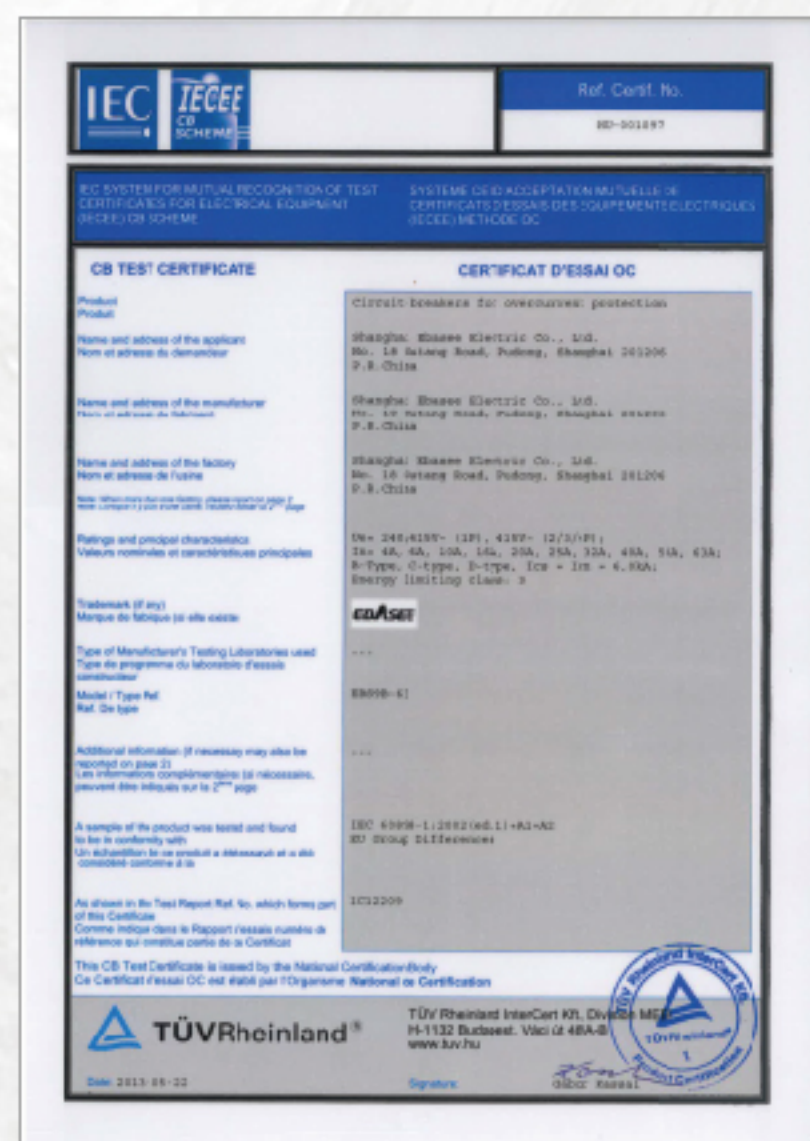


SMART LIVING GREEN EBASEE



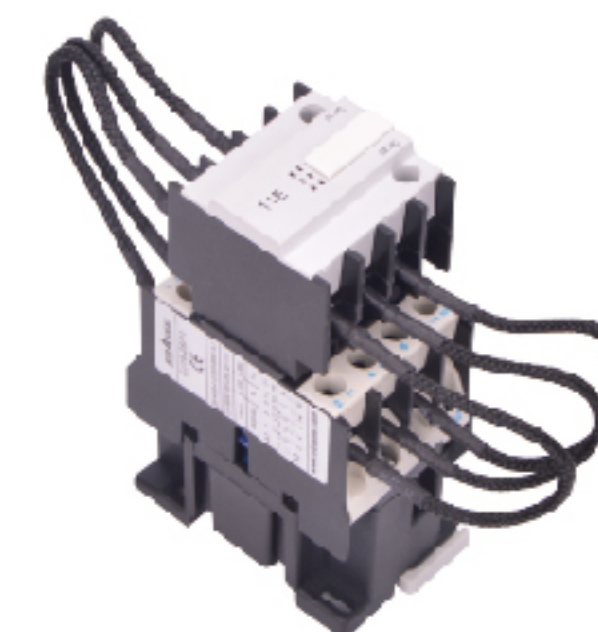
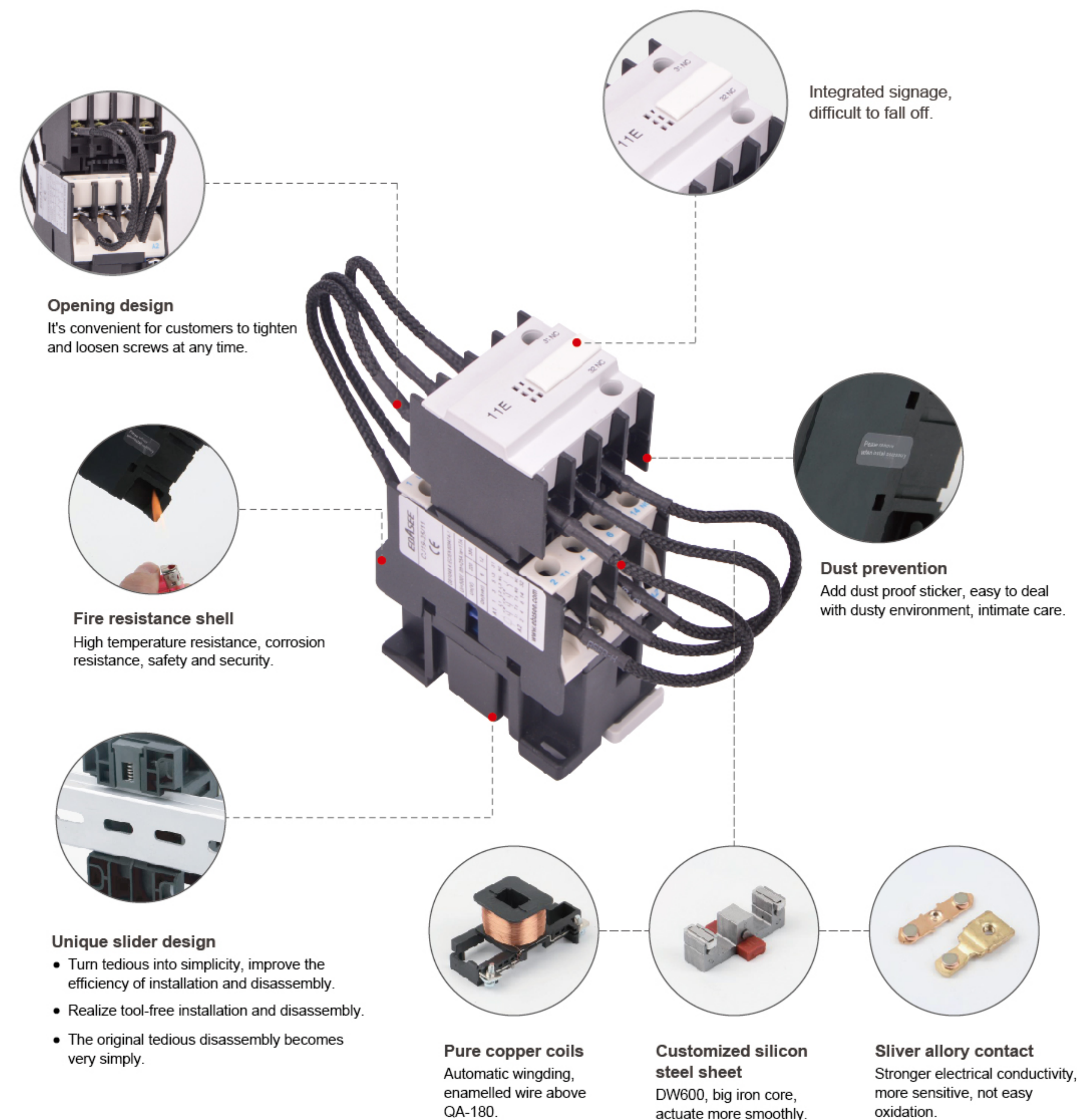
INTERNATIONAL QUALITY CERTIFICATE

EBASEE products have been approved by international labs including BV, TUV, Intertek, with KEMA, CB, SEMKO, RoHS, CE, and CCC etc.



Switched Capacitor Series

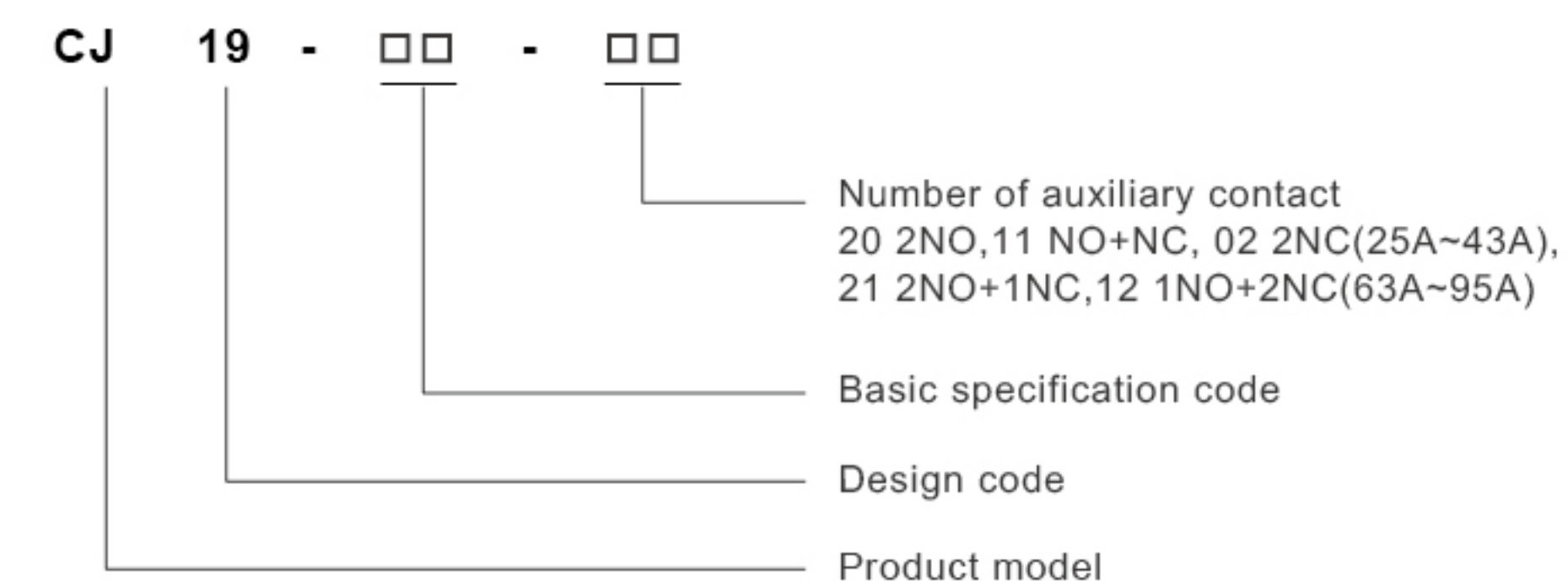
Shanghai Ebasee Electric
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1.General

CJ19 series capacitor changeover contactor (Herein after referred to as Contactor).It's suitable using in the circuits up to the rated insulation voltage 690V AC 50/60Hz.Under AC - 6b usage, the rated working voltage is 400v, rated current up to 87A low voltage reactive compensation devices, on and off with low voltage reactive compensation capacitor group, in order to adjust the power factor of electric system COS Φ values. Contactor with inhibition of flow unit, which can effectively reduce the impact of the switching inrush current of capacitor group and lower operating overvoltage.

2.Nomenclature



Sheet 1

Model	Frequency Hz	Coil Voltage (V)					
		24	36	48	110	220	380
CJ19	50/60	B7	C7	E7	F7	M7	Q7

Structural Features

Contactor is the protective type, action mechanism with straight acting, and double-break contact

Contactor by a CJ19 series ac contactor, a switch contact combination of six line components such as resistor, upper and lower two layers of main contact points to decorate, switching on the main contact to disconnect reset after moment, continue down the main contact closure in place.

In the contactor coil terminal can mount with time-delay auxiliary blocks

The insulation parts of contactor are made of flame-resistant nylon material, and the iron core with the surface.

Working Principle

When the control circuit has power, contacts closed, upper main contactor with current limit resistor will connect before lower main contact. thus restrain flow current, it will instantly reset after completion. Then lower main contact will work normally, and the breaking circuit will be replaced by lower main contact. Since the current resistor access instantaneous, it won't result to long-term power waste and burn wire.

Working and Installation Conditions

- "Ambient temperature:-50℃ ~+40℃ ,the average value within 24h shall not exceed +30℃"
- Altitude:Installation altitude shall not exceed 3000m
- Atmosphere condition:Relative humidity shall not exceed 50% when the ambient temperature is +40℃.Higher relative humidity is permissible at lower temperature,for example,it can be 90% at 20℃.Special measures should be taken to address the dew occurred occasionally due to temperature changes.
- Contact shall install at the place with no significant sway,impact and vibration.
- Slant of contactor mounting surface shall not exceed ±30°. Contactor can also be installed with TH type DIN rails of 35mm or 75mm.

3.Specifications

Sheet 2 Main contact and auxiliart contact data sheet

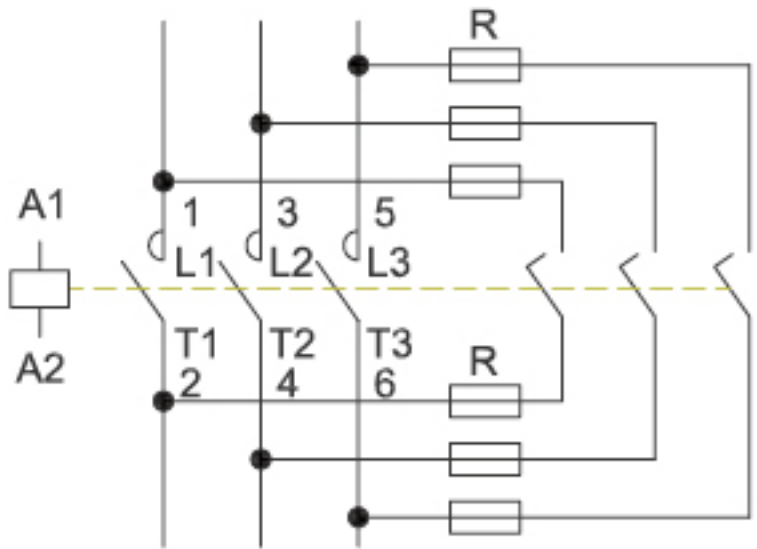
Model		CJ19-25	CJ19-32	CJ19-43	CJ19-63	CJ19-95	CJ19-125
Conventional heating current (A)		32	40	50	80	110	125
Rated operating current AC-6b 400V A		18	24	29	48	87	87
Power of controlled cage	200~240V	6.7	8.5	10	20	40	40
motor(AC-6b) Kvar	400~440V	12.5	16.7	20	33.3	60	60
Rated control capacity		15					
Electrical life 10 ⁴		12		10			
Mechanical life 10 ⁴		300					
Operating frequency H ⁻¹		300			120		
Standard		IEC60947-1,IEC60947-5					
Rated insulation voltage V		690					
Rated heating current A		10					
Auxiliary contact	AC-15	12					
	DC-13						
Minimum load of making		6V 10mA					
Power		7~9					

Sheet 3 Specification of Coil

Model			CJ19-25	CJ19-32 CJ19-43	CJ19-65	CJ19-95	CJ19-125
Coil power	50Hz	pick-up	70	110	200		
		holding	8	11	20		
	60Hz	pick-up	80	115	220		
		holding	8	11	20		
VA							
Rated control voltageUs (V)			24,36,48,110,220,380				
Holding ms			12~22	15~24	20~26	20~35	
Release			4~12	5~19	8~12	6~20	
Operate voltage V			85%Us~110%Us				
Release voltage V			0.30Us~0.55Us			0.30Us~0.60Us	

4.Main Circuit

Contactor main circuit wiring diagram

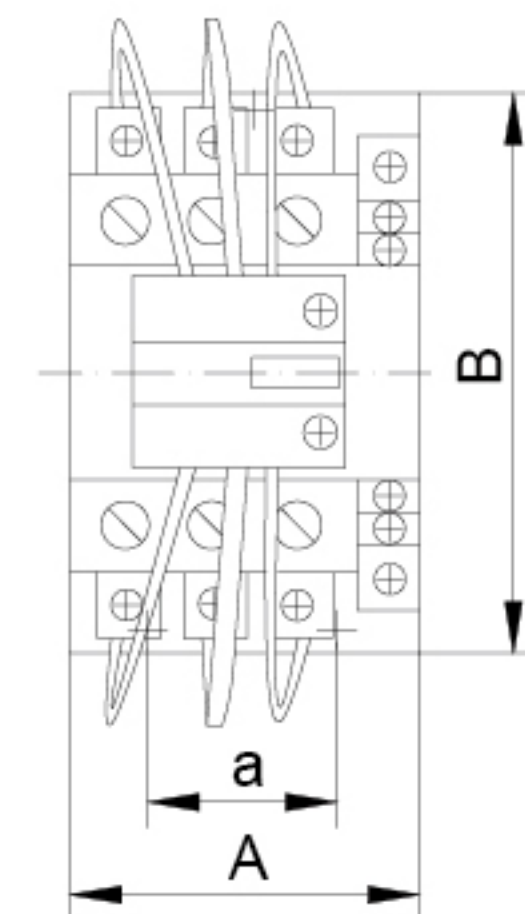
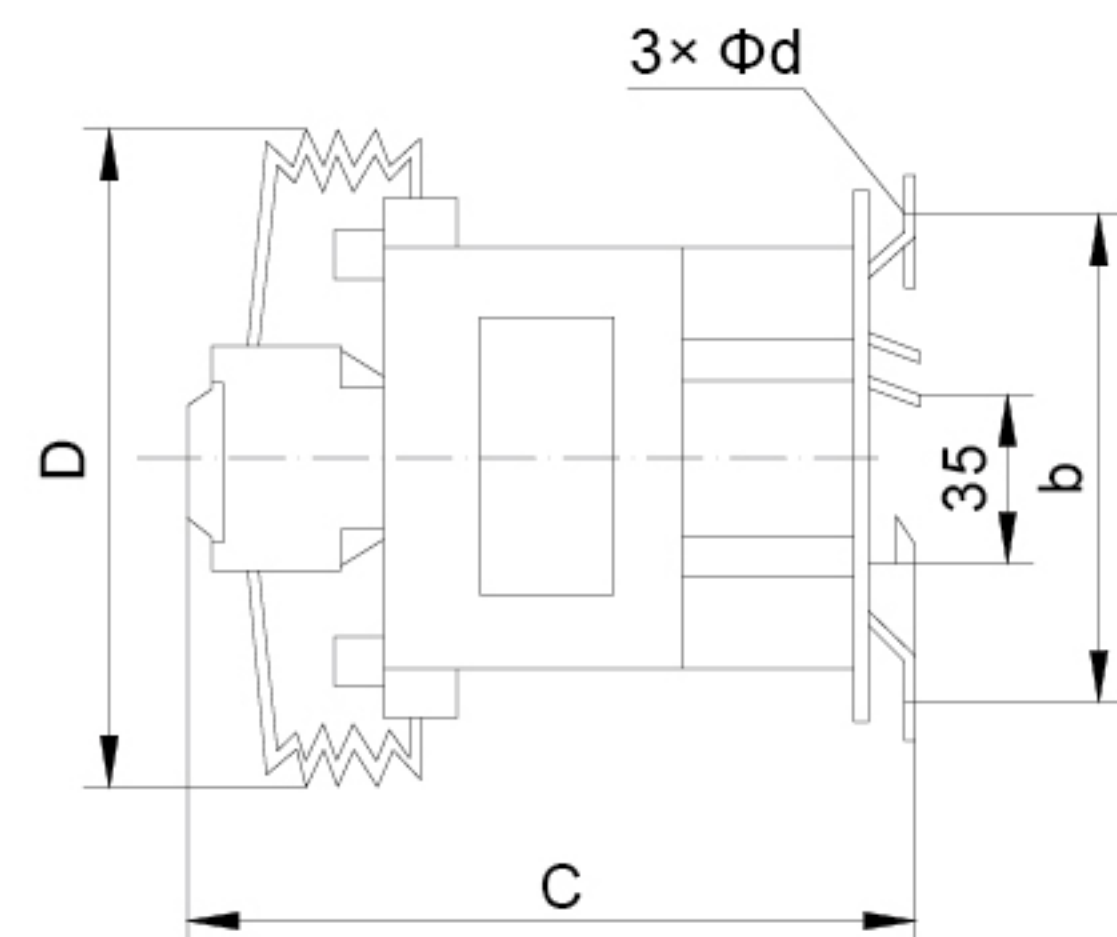
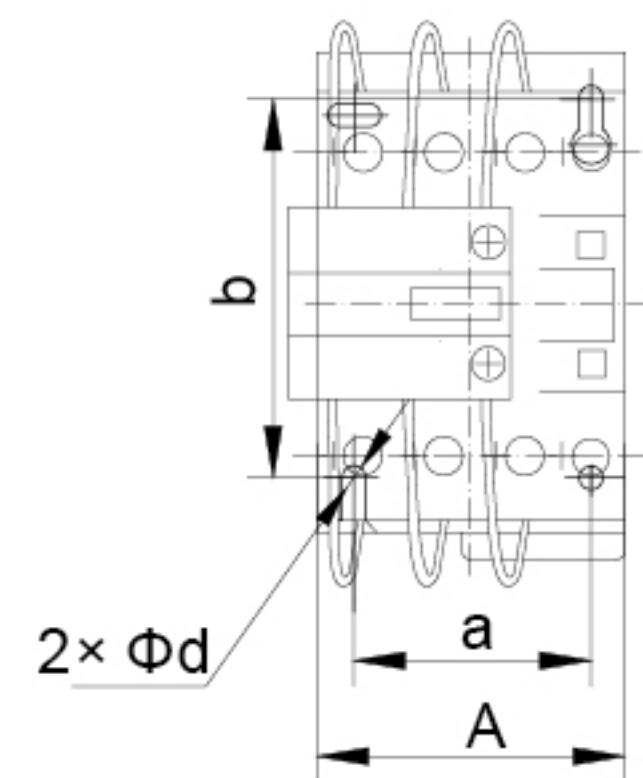
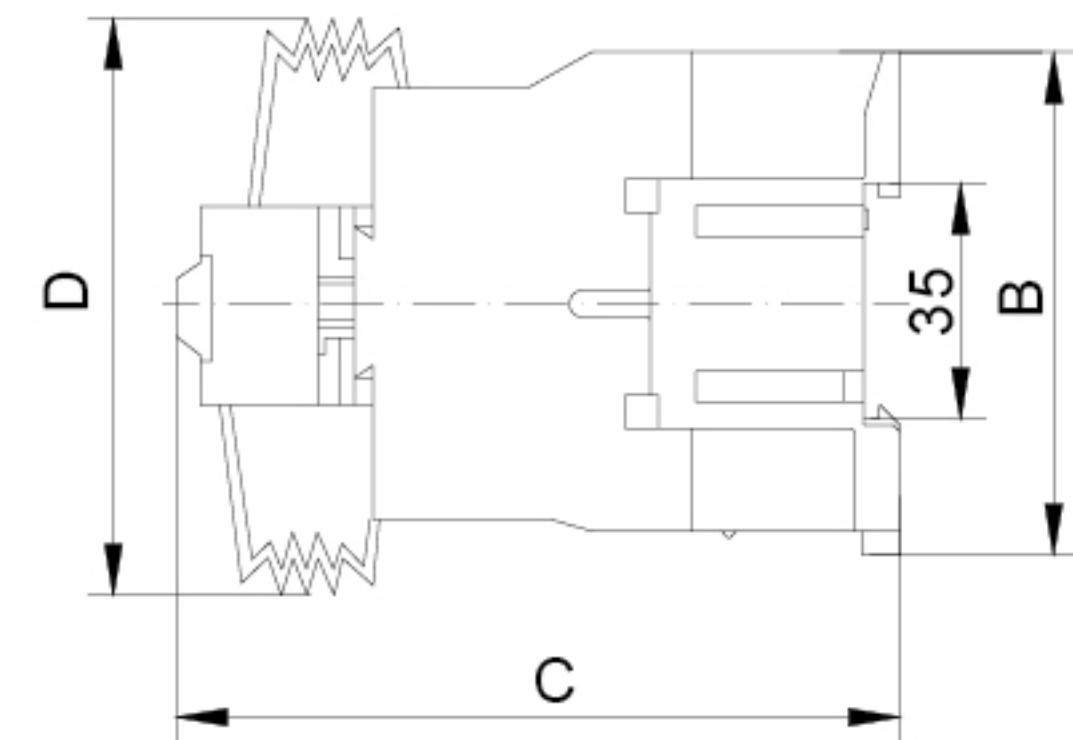


Graph 4 Main circuit wiring diagram

Sheet 4 Termianal Connect Capacity

Contactor Type		CJ19-25,32		CJ19-43		CJ19-63		CJ19-95		Auxiliary Circuit	
Wire Numbers		1	2	1	2	1	2	1	2	1	2
Type of terminal	flexible mm ²	4	4	6	6	16	16	50	25	2.5	2.5
	rigid mm ²	6	-	10	10	25	-	50	-	4	4

5.Dimensions



Sheet 5

Type	Outline dimensions				Installation dimensions		
	A	B	C	D	a	b	Φd
CJ19-25	47	75	125	122	35	50/60	2× Φ4.5
CJ19-32	57	80	135	130	40	50/60	2× Φ4.5
CJ19-43	57	80	140	136	40	50/60	2× Φ4.5
CJ19-63	77	127	156	150	40	100/110	3× Φ6.5
CJ19-80	77	127	156	150	40	100/110	3× Φ6.5
CJ19-95	87	127	166	157	40	105/110	3× Φ6.5
CJ19-125	87	127	166	157	40	105/110	3× Φ6.5

6.Order Note

Following items should be marked when ordering	Ordering sample
Product name and model, Frequency of coil rated current, NO.of NO/NC auxiliary contact voltage of coil, other special data required Quantity	CJ19-2511M7 10pieces.