



LINKWELL[®]
ELECTRIC

CONTROL TRANSFORMER SERIES

EDITION 2023/2024



LINKWELL ELECTRIC is a professional company engaged in low voltage electrical products for switchgear board and automation industry , such as panel ventilation fan filter ,heater, thermostat, control transformer, terminal blocks, wiring duct and other panel accessories.

Through our decades' efforts and development LINKWELL now becomes a group company with several factories by entirely holding or partly holding, not only self-production but also few trading, in order to provide one- stop- solution of panel accessories for panel builder.

Our main markets are European countries, Americans, Middle East, South Asia and China, you can find us in more than 60 countries all over the world, well-known with good reputation in the market for the sake of our sustainable quality and competitive prices, kind and prompt services to clients, our main partners are those reputable companies like: ABB, SIEMENS, SCHNEIDER electrics, ROCKWELL automation,CHINT.



LINKWELL ELECTRIC policy is to offer a full support to Clients:

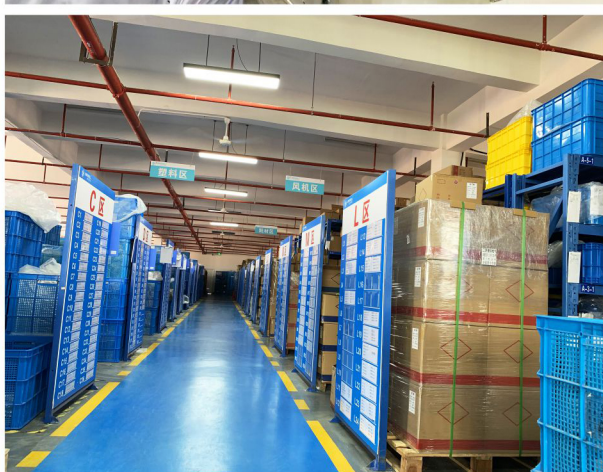
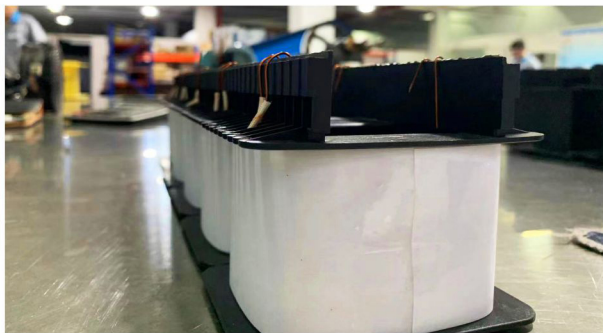
- pre-after sales assistance
- customized products
- fast delivery
- monitoring customers' satisfaction

Rather than a supplier, LINKWELL ELECTRIC aims to be a Client's industrial PARTNER
our company always pays special attention to protecting the benefits of clients' so that both of us can gain the better benefits from the relations between us.

We warmly look forward to establishing, reinforcing and expanding long term fruitful relationship with the reliable clients all over the world.

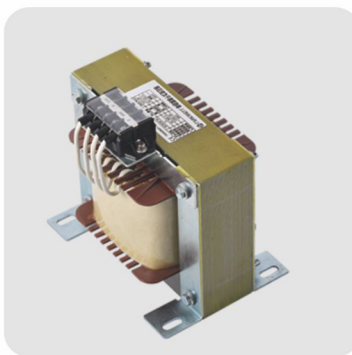
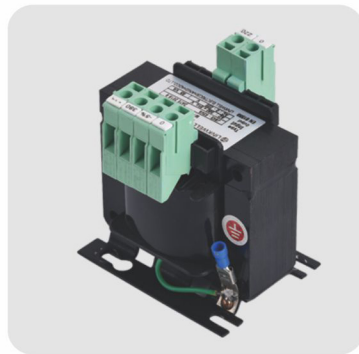
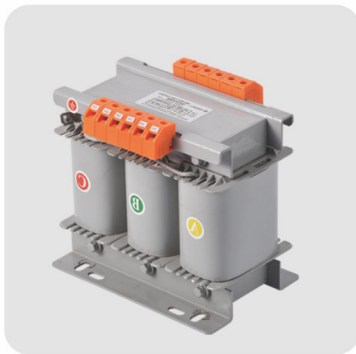
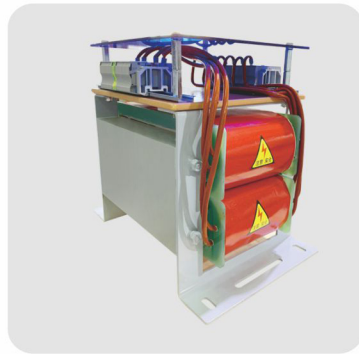
Let's get busy and pull together to create a better future!





Control Transformer System Expert

As a system supplier, Jiejia meets various requirements for controlling transformer systems with its energy-saving, environmentally friendly, and efficient product performance



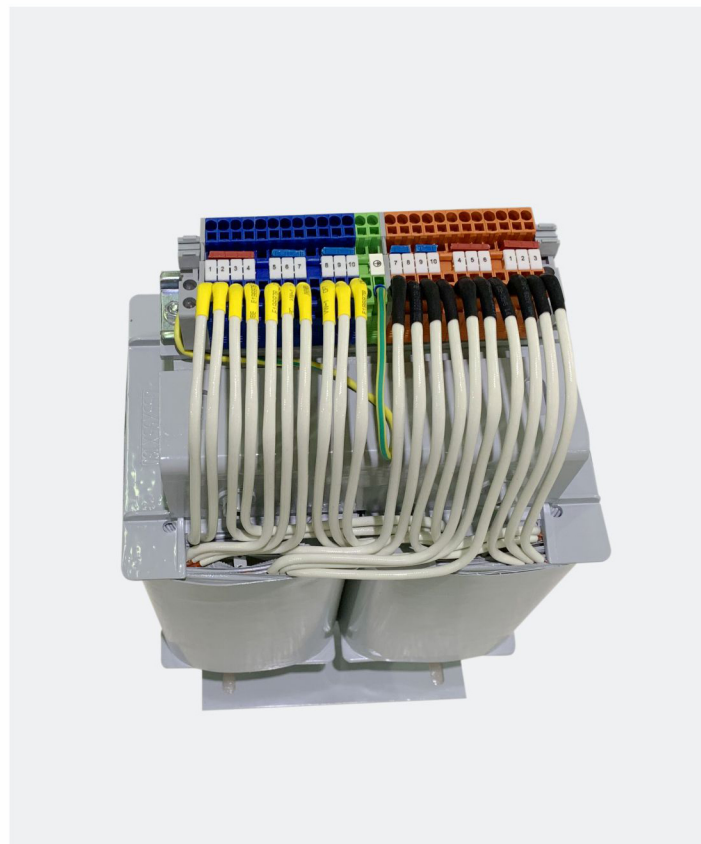
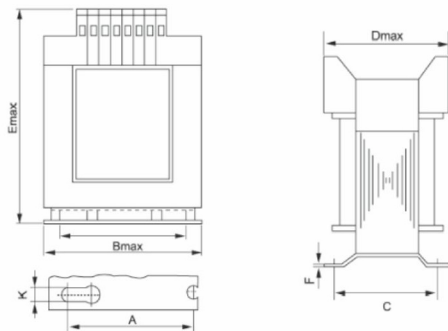
> control transformer
system expert



SHTD7-8/6500V

This model of transformer adopts vacuum impregnation technology, and the insulation material (DuPont NOMEX T410 insulation paper) is equipped with a temperature overheating protection device in the middle of the coil. The product is made of high-quality raw materials, and the wiring is more convenient and firm. The input and output voltage fluctuation range (5% -8%) has the advantages of low loss, high efficiency, excellent shielding effect, and more reliable safety factor.

Appearance and installation dimensions



Model	Capacity (KVA)	Input voltage (V)	Connection Group	Overall dimensions			Installation dimensions		Installation aperture
				B	D	E	A	C	
SHTD7-8/6500VA	6.5KV			228	192	360	143	155	K9

ZTD-2860VA

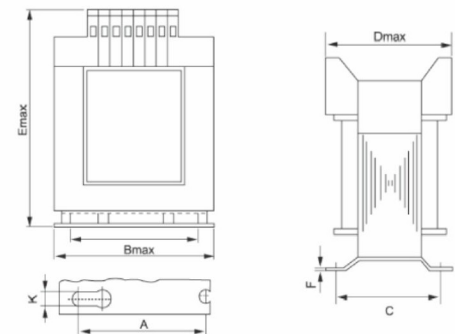
Photovoltaic dedicated single-phase isolation transformer



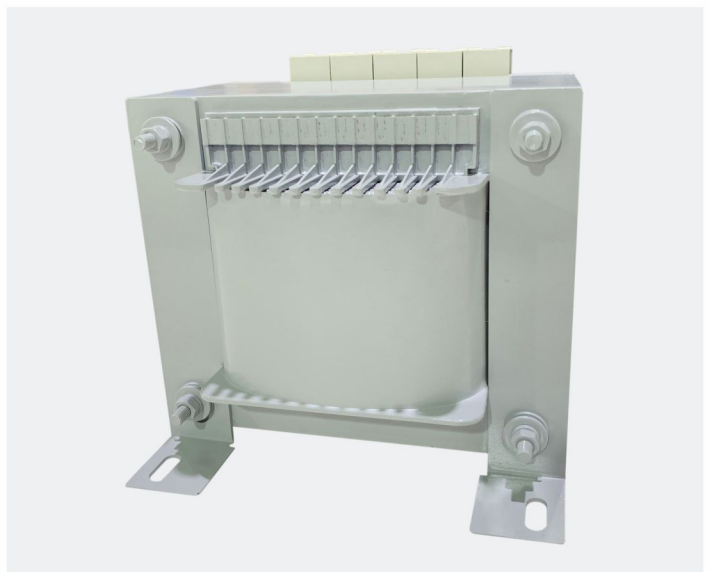
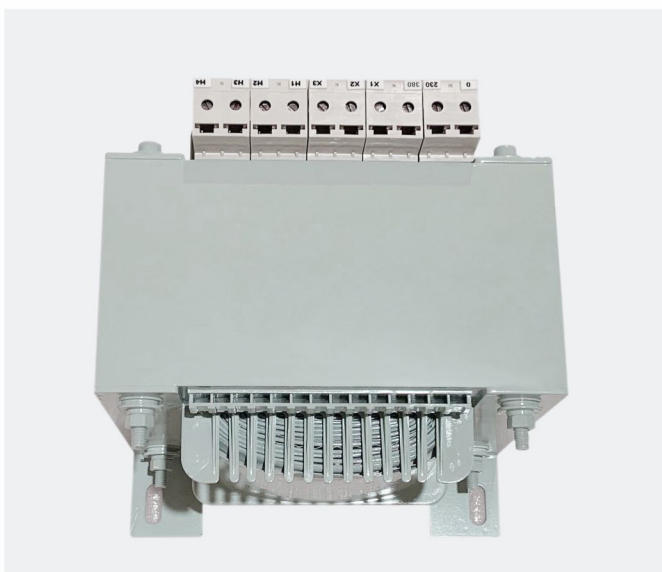
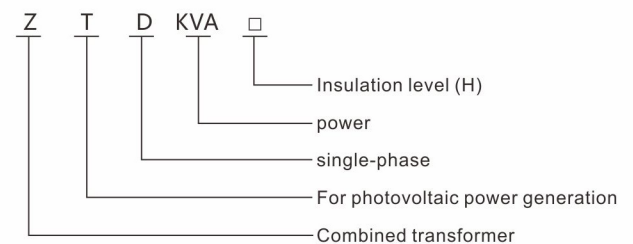
ZTD-2860VA

It has sufficient rated output capacity and load capacity, good maintainability in terms of structure and component selection, portable component disassembly and replacement, high voltage stability performance, and overcurrent protection measures.

Appearance and installation dimensions



Model and its meaning

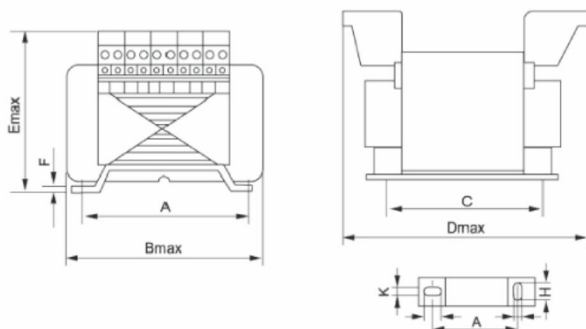


Model	Capacity (KVA)	Input voltage (V)	Connection Group	Overall dimensions			Installation dimensions		Installation aperture
				B	D	E	A	C	
ZTD-2860 VA	2860V			180	175	178	158	138	K 7

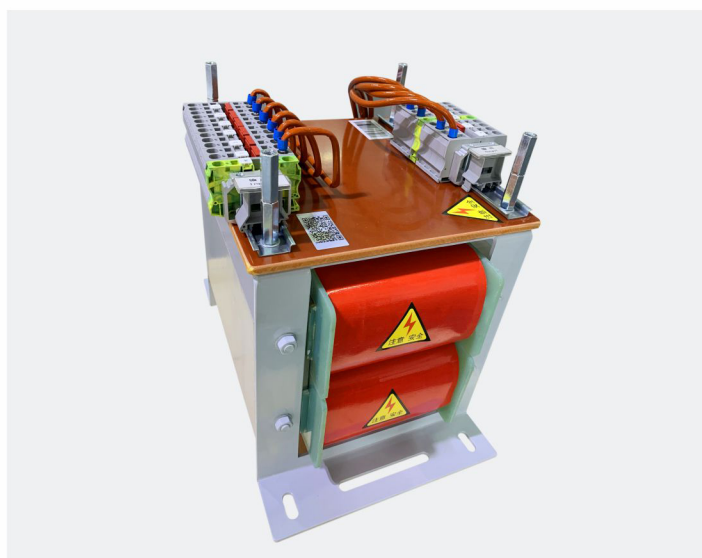
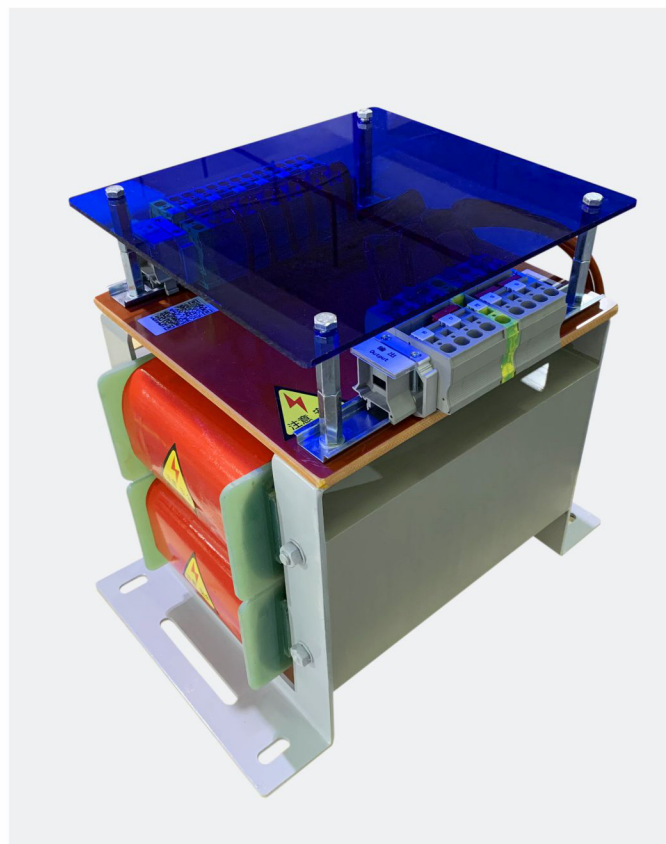
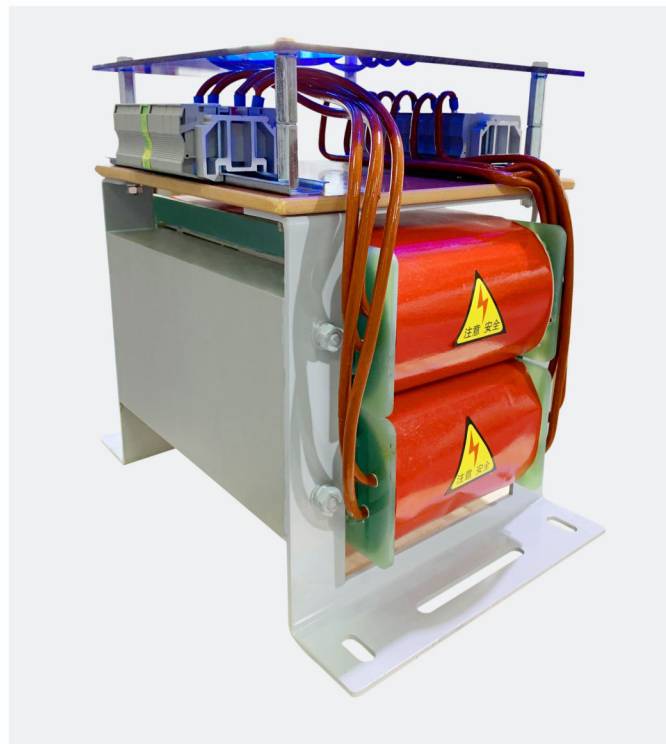
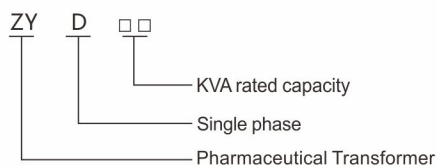
ZYD-10KVA

This ZYD pharmaceutical machinery equipment special transformer is a "expensive" family type transformer developed by our company. It is selected with superior performance, which is more than 5-6 times the overall working efficiency of traditional transformers. It has low loss, insulation grade H, can be equipped with short circuit and thermal protection devices, and has the ability to prevent moisture, fog, and salt spray. It can be used in dry tropical and humid environments for normal operation. It is a well-deserved energy-saving, environmentally friendly, stable and reliable new product.

Appearance and installation dimensions



Model and its meaning



Model	Capacity (KVA)	Input voltage (V)	Connection Group	Overall dimensions			Installation dimensions		Installation aperture
				B	D	E	A	C	
ZYD-10KVA	10KV			300	340	420	240	400	K13

CDD-5KVA

Ship mooring dedicated power isolation transformer



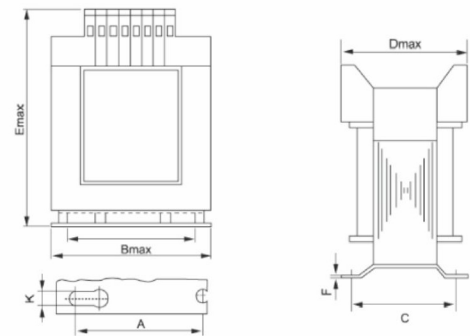
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CDD-5KVA

Characteristics of marine transformers: operating conditions: ambient temperature is $-25^{\circ}\text{C} \sim 45^{\circ}\text{C}$, relative humidity is $\leq 95\%$, installation site is resistant to vibration, impact and swing angle is $\leq 22.5^{\circ}$, condensation, oil mist, salt mist, etc. Protective coating cooling method: natural cooling or air cooling, epoxy resin casting dry type transformers have special performance technical requirements (protection level) and can provide parameter customization.

Appearance and installation dimensions



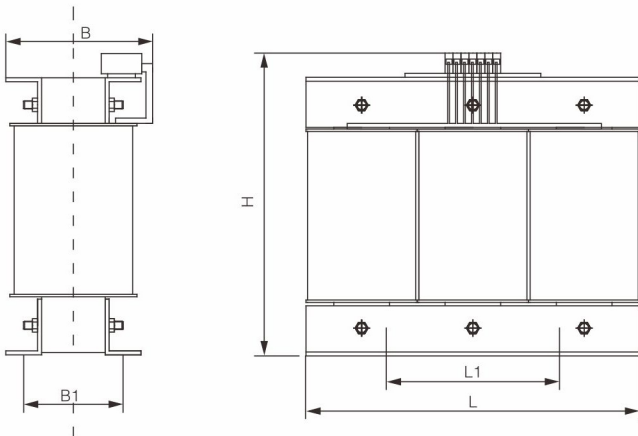
Model	Capacity (KVA)	Input voltage (V)	Connection Group	Overall dimensions			Installation dimensions		Installation aperture
				B	D	E	A	C	
CDD-5KVA	5KV			180	300	320	142	248	K 9



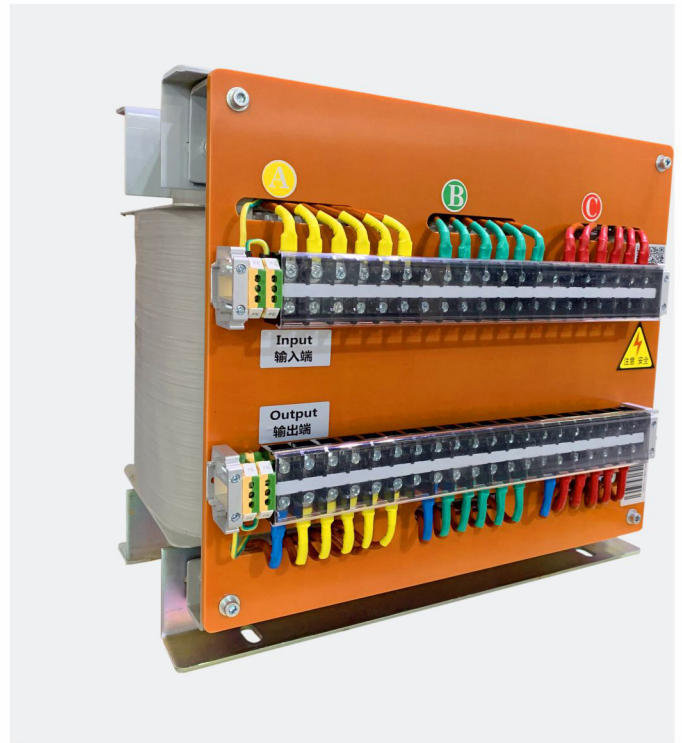
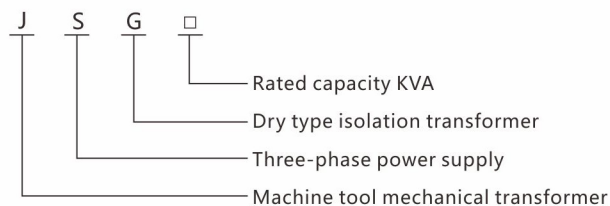
JSGLK-60KVA

We specialize in producing 500VA-1000KVA three-phase dry isolation transformers using high-quality materials and advanced technology. We have developed a data system for similar products and used standardized energy-saving and environmentally friendly materials for processing and manufacturing. The JSGLK series of three-phase power supply scenarios below 5000V require a casing for winding capacity distribution and rectification circuit application. We can carefully design and manufacture according to user requirements.

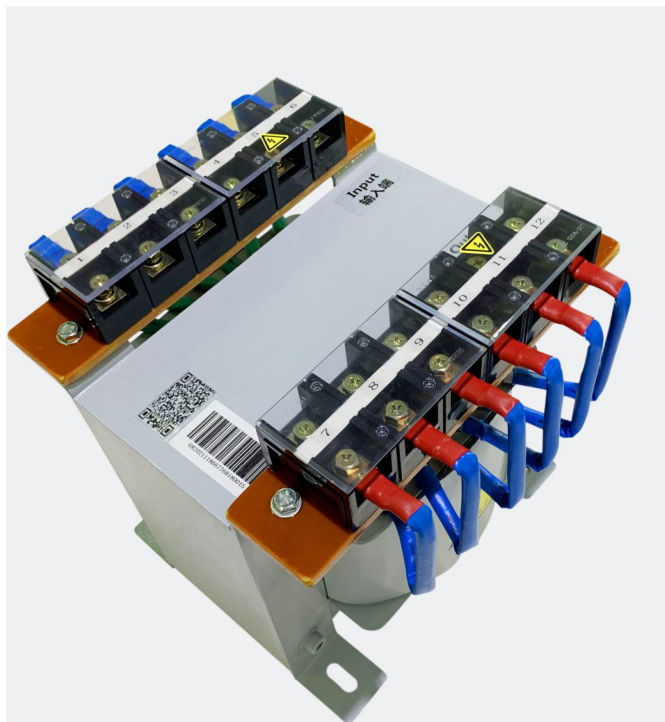
Appearance and installation dimensions



Model and its meaning



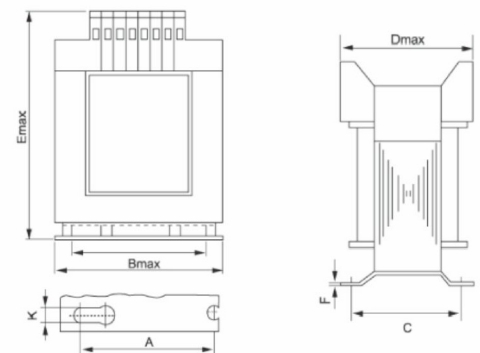
Model	Capacity (KVA)	Input voltage (V)	Connection Group	Overall dimensions			Installation dimensions		Installation aperture
				B	D	E	A	C	
JSGLK-60KVA	60KV			540	320	500	400	216	



DJB-10KVA

DJB single-phase low-voltage control system transformer is a new generation of reliable anti vibration transformer independently designed, developed and manufactured by Linkwell based on current market information. The connection port adopts screw tightening type wiring, and the anti falling contact point performance is reliable and good. The connection is widely used in machine tool equipment, construction machinery tower crane control distribution cabinets, distribution boxes, etc. It is the best choice for this type of transformer, and can be carefully manufactured according to user needs.

Appearance and installation dimensions



Model	Capacity (KVA)	Input voltage (V)	Connection Group	Overall dimensions			Installation dimensions		Installation aperture
				B	D	E	A	C	
DJB-10KVA	10KV			300	340	335	250	200	



DZD / JSZ

DZD and JSZ DC power supplies are new and compact power supplies developed by Jiejia, which have the characteristics of compact structure, beautiful appearance, small ripple, low power consumption, large capacity, and high protection level. Suitable for circuits with AC 50Hz (or 60Hz), rated input voltage not exceeding 500V, and rated output voltage of DC24V, used as a DC power supply for general electrical control of various equipment in various industries.

Characteristic

The product complies with IEC standards;

Rated input voltage with $\pm 5\%$ tap;

Large capacitance filtering, ripple coefficient <5

Quick fuse protection;

The integration of transformer and rectifier power supply, tight structure, and beautiful appearance;

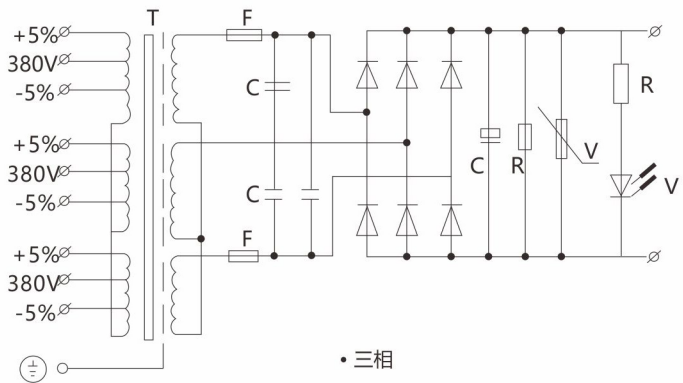
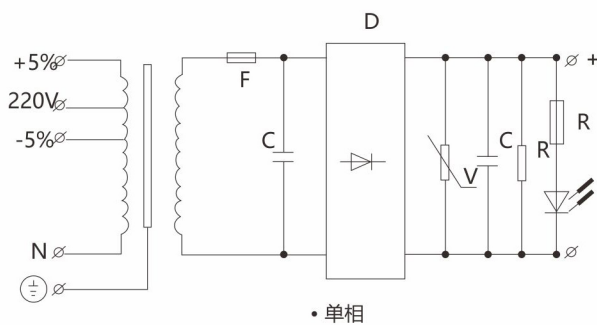
The iron core adopts gas shielded argon arc welding process, with no air gap, no noise, and low loss;

Built in varistor for overvoltage protection;

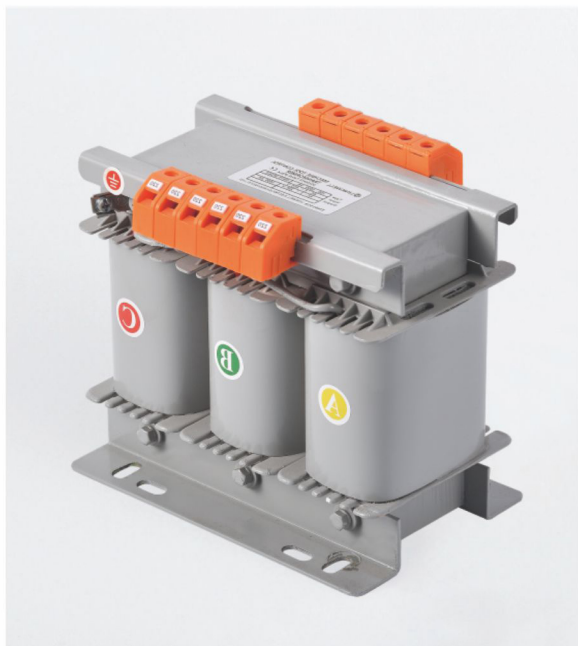
The protection level reaches IP20, which can effectively meet the touch protection requirements.



Circuit diagram



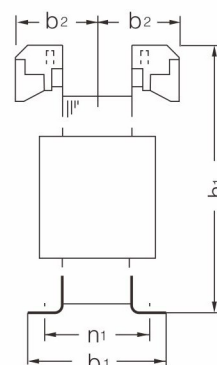
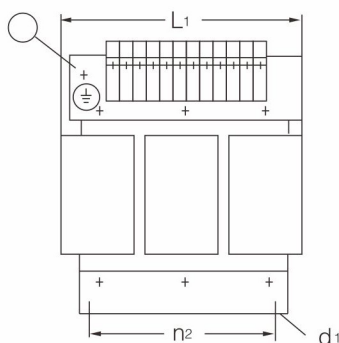
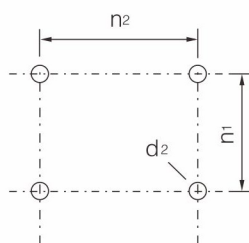
Model	DZD	JSZ
Rated input voltage	AC220V ,AC380V	
rated output voltage	DC24V	
output current	2A,5A,10A,20A	
Rated load output voltage	$95\%U_n \leq U_m \leq 105\%U_n$	
efficiency	$>75\%$	
ripple factor	$\leq 5\%$ (JSZ型 $\leq 2\%$)	
Power-frequency withstand voltage	Iron core - input room: AC2500V 1min / Iron core - output room: AC1000V 1min	
	$-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$	



JSG

JSG series tri-coherent transformer, is the latest development and development of CNC system transformers, especially between 160VA-10KVA tri-coherent transformer, the installation size of the product shape has been standardized, and Siemens 4AP series general, products in line with VDE0550, IEC439, JB5555, GB5226, and other international and national standards. JSG series three-coherent transformers are widely used in AC 50/60Hz, input and output voltage does not exceed 500V three-phase power supply occasions. The various inputs of the product, the level of the output voltage, the connection group, the number and position of the adjusting tap (generally $\pm 5\%$), the distribution of the winding capacity, the equipment of the secondary single-phase winding, the application of the rectifier circuit, whether the shell is required, can be carefully designed and manufactured according to the requirements of the user.

Outline and mounting dimensions



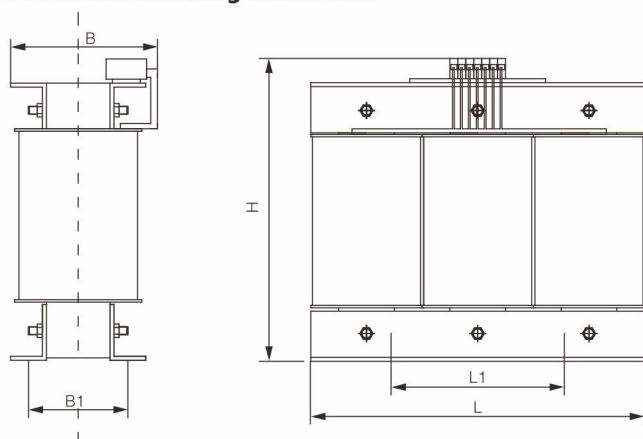
Model	Capacity (KVA)	b1 max	b2 max	d1	d2	h1 max	L1 max	n1	n2
JSG-0.16	0.16	64	50	5?	M4	140	122	49	90
JSG-0.25	0.25	67	48	6?2	M5	162	156	49	113
JSG-0.4	0.4	82	56	6?2	M5	162	156	64	113
JSG-0.63	0.63	76	51	7.4?3	M6	187	181	56	136
JSG-1	1	97	61	7.4?3	M6	187	181	76	136
JSG-1.6	1.6	115	98	7.4?3	M6	214	229	94	170
JSG-2.5	2.5	133	102	10?8	M8	241	264	101	200
JSG-4	4.0	148	104	10?8	M8	250	270	118	224
JSG-6.3	6.3	155	129	10?8	M8	320	360	118	264
JSG-8	8	170	134	12?0	M10	380	420	140	315
JSG-10	10	170	134	12?0	M10	380	420	140	315



SG

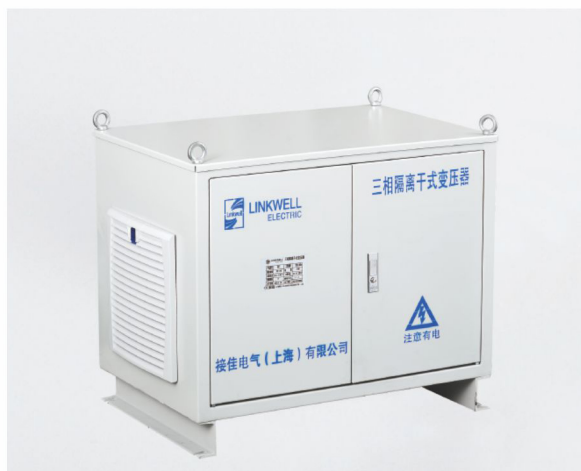
Sg series low-voltage tri-coherent transformers are widely used in industrial and mining enterprises, CNC machine tools, processing centers, all kinds of machinery, power plants, airports and other places with high safety and fire protection requirements, for conversion power supply, lighting electrical, power supply, rectifier power supply.

Outline and mounting dimensions



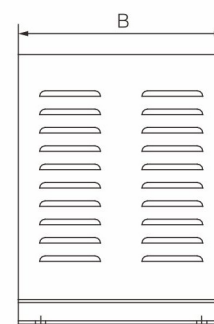
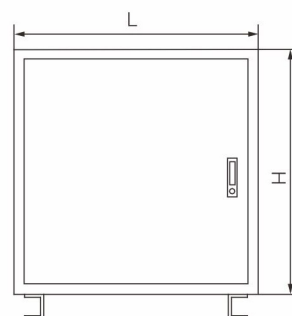
Model	Capacity (KVA)	Input Voltage (V)	Connected Group	Overall Dimension			Mounting Dimension		Mounting Aperture
				L	B	H	L1	B1	
SG-2.5	2.5	660	△ 或 Y	270	180	260	200	102	8.5
SG-3	3			270	190	260	200	102	8.5
SG-4	4			300	190	290	224	120	8.5
SG-5	5			300	210	290	224	135	8.5
SG-6	6			360	200	350	264	127	8.5
SG-7	7			360	200	370	264	127	8.5
SG-8	8			360	240	370	264	142	8.5
SG-10	10			420	240	420	315	150	12.5
SG-12	12			420	240	420	315	150	12.5
SG-15	15			420	280	420	315	170	12.5
SG-20	20	380	△ 或 Y	480	240	450	360	150	12.5
SG-25	25			480	240	450	360	180	12.5
SG-30	30			480	270	450	360	220	12.5
SG-40	40			540	300	450	360	250	12.5
SG-45	45			600	300	560	450	250	12.5
SG-50	50			600	350	560	450	220	12.5
SG-60	60			600	350	560	450	220	15
SG-80	80			660	380	660	550	250	15
SG-100	100			660	380	660	550	250	15

SGC Series Low Voltage Tri-coherent Transformer



SGC

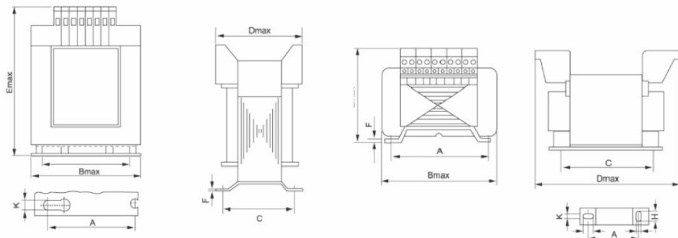
Outline and mounting dimensions



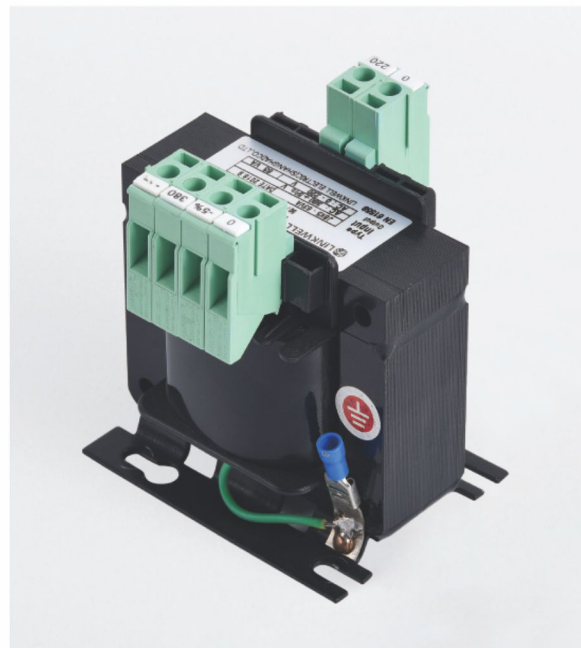
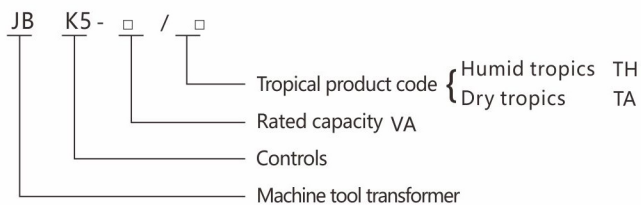
	Capacity (KVA)	Overall Dimension		
		L	B	H
SGC-2.5KVA	2.5	300	240	280
SGC-3KVA	3	300	240	280
SGC-4KVA	4	390	280	320
SGC-5KVA	5	390	280	320
SGC-6KVA	6	390	280	320
SGC-8KVA	8	500	350	450
SGC-10KVA	10	500	350	450
SGC-12KVA	12	500	350	450
SGC-15KVA	15	500	350	450
SGC-20KVA	20	600	420	520
SGC-25KVA	25	600	420	520
SGC-30KVA	30	600	420	520
SGC-40KVA	40	600	420	520
SGC-45KVA	45	740	500	650
SGC-50KVA	50	740	500	650
SGC-60KVA	60	740	500	650
SGC-80KVA	80	840	530	650
SGC-100KVA	100	840	530	650

JBK5

Outline and mounting dimensions



Model and its meaning



Type Number	Rated Capacity (VA)	Efficiency(%)	The output voltage under load		The output voltage under no load		Rated input voltage (V)	Rated output voltage (V)	Remark
			Signal winding (%)	Control winding (%)	Signal winding (%)	Control winding (%)			
JBK5-40	40	80	$6 \geq U_m > 5$ $12 \geq U_m > 10$	95%-105% UH	6或12	1.1Um	AC380	AC220 (127) 110	The capacity distribution of each winding can be made on demand
JBK5-63	63								
JBK5-100	100								
JBK5-160	160								
JBK5-250	250	85							
JBK5-400	400								
JBK5-630	630								
JBK5-800	800								
JBK5-1000	1000	90							
JBK5-1600	1600								
JBK5-2500	2500								
JBK5-3000	3000								
JBK5-4000	4000	$12.8 \geq U_m > 9.6$ $13.5 \geq U_m > 10$	48 35 24						
JBK5-5000	5000								
JBK5-6000	6000								
JBK5-7000	7000								
JBK5-8000	8000	90	$15.2 \geq U_m > 11$				0-380或 0-220	12 6	
JBK5-10000	10000								
JBK5-15KVA	15000								
JBK5-20KVA	20000								
JBK5-30KVA	30000								
JBK5-40KVA	40000								
JBK5-50KVA	50000								
JBK5-60KVA	60000								

JBK5 machine tool control transformer



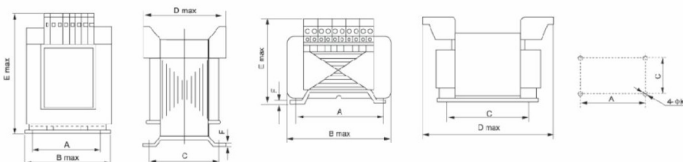
	B max	D max	E max	Installation hole spacing A	Installation hole spacing C	Installation hole spacing K	F max	备注
	78	72	90	56 ± 0.125	46 ± 0.125	4.6	1.5	
JBK5-100	85	75	96	64 ± 0.15	62 ± 0.15	4.6	1.5	
JBK5-160	96	92	105	84 ± 0.175	73.5 ± 0.15	5.5	1.5	
JBK5-250	96	100	104	84 ± 0.175	85 ± 0.175	5.8	1.5	
JBK5-400	120	100	122	90 ± 0.175	85 ± 0.175	5.8	2	
JBK5-500	120	110	122	90 ± 0.175	96 ± 0.175	5.8	2	
JBK5-630	150	110	140	122 ± 0.2	90 ± 0.175	7	2	
JBK5-800	150	128	142	122 ± 0.2	105 ± 0.2	7	2	
JBK5-1000	150	190	142	155 ± 0.2	126 ± 0.2	7	3	
JBK5-1000	168	125	155	138 ± 0.2	105 ± 0.2	9	2	Horizontal type
JBK5-1600	170	225	153	176 ± 0.2	140 ± 0.2	7	3	vertical
JBK5-1600	168	138	155	138 ± 0.2	116 ± 0.2	9	2	Horizontal type
JBK5-2500	194	250	170	200 ± 0.2	170 ± 0.23	7	4	vertical
JBK5-3000	194	250	190	200 ± 0.2	170 ± 0.23	7	4	vertical
JBK5-4000	194	250	200	200 ± 0.2	170 ± 0.23	7	4	vertical
JBK5-5000	220	286	215	240 ± 0.5	208 ± 0.5	9	6	vertical
JBK5-6000	220	286	215	240 ± 0.5	208 ± 0.5	9	6	vertical
JBK5-7000	280	205	260	200 ± 0.5	180 ± 0.5	12	7	Horizontal type
JBK5-8000	280	205	260	200 ± 0.5	180 ± 0.5	12	7	Horizontal type
JBK5-10000	280	250	260	200 ± 0.5	215 ± 0.5	12	7	Horizontal type

	Rated Capacity (VA)	Efficiency (%)	The output voltage under load		The output voltage under no load		Rated input voltage (V)	Rated output voltage (V)	Remark		
			Signal winding (%)	Control winding (%)	Signal winding (%)	Control winding (%)					
JBK5-40	40	80	6≥Um> 5 12≥Um> 10	95-105% UH	6 or 12	1.1Um	AC380	AC220 127 110	The capacity distribution of each winding can be made on demand		
JBK5-63	63										
JBK5-100	100										
JBK5-160	160										
JBK5-250	250										
JBK5-400	400										
JBK5-630	630	85									
JBK5-800	800										
JBK5-1000	1000										
JBK5-1600	1600	90	6≥Um> 4.5 12≥Um> 9				AC220	48 35 24			
JBK5-2500	2500										
JBK5-3000	3000										
JBK5-4000	4000	96	12.8≥Um> 9.6 13.5≥Um> 10							0-380 0-220	12 6
JBK5-5000	5000										
JBK5-6000	6000										
JBK5-7000	7000										
JBK5-8000	8000										
JBK5-10000	10000										

JBK6

The JBK6 series machine tool control transformer is a new type of transformer series introduced from abroad. Based on the JBK5 machine tool control transformer, a new generation of transformer has been developed. The JBK6 transformer has the same appearance, installation size, and usage as the JBK5 transformer. In addition to the advantages of the JBK5 transformer, the JBK6 transformer also has larger connection screws, making wiring more convenient and firm; Equipped with short-circuit and thermal protection devices for more reliable use; The transformer adopts vacuum impregnation paint process, and the insulation material is imported from abroad, resulting in more stable insulation performance.

Outline and mounting dimensions



JBK6-40~800JBK6-1000~1600 Vertical

JBK6-1000~2500

Model	B max	D max	E max	Installation hole distance A	Installation hole distance C	Mounting Hole K	F max	Remark
JBK6-40	78	72	90	56±0.15	46±0.125	4.6	1.5	
JBK6-100	85	75	96	64±0.15	62±0.15	4.6	1.5	
JBK6-160	96	92	105	84±0.175	73.5±0.15	5.5	1.5	
JBK6-250	96	100	104	84±0.175	85±0.175	5.8	1.5	
JBK6-400	120	100	122	90±0.175	85±0.175	5.8	2	
JBK6-630	150	110	140	122±0.2	90±0.175	7	2	
JBK6-800	150	128	142	122±0.2	105±0.2	7	2	
JBK6-1000	150	190	142	126±0.2	155±0.2	7	3	Horizontal
JBK6-1000	168	125	155	105±0.2	138±0.2	9	2	Vertical
JBK6-1600	170	225	153	140±0.2	176±0.2	7	3	Horizontal
JBK6-1600	168	138	155	116±0.2	138±0.2	9	2	Vertical
JBK6-2500	194	160	165	172±0.2	195±0.23	7	4	Horizontal

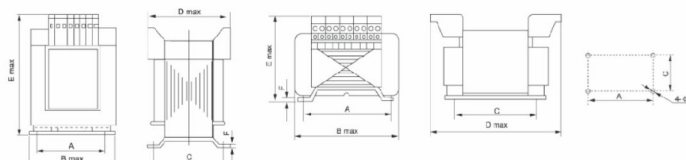
Model	Rated capacity (VA)	Efficiency (%)	Output voltage under load		Output voltage under no load		Rated input voltage (V)	Rated output voltage (V)	Remark	
			Signal winding (%)	Control winding (%)	Signal winding (%)	Control winding (%)				
JBK6-40	40	80	6≥Um> 5 12≥Um>10	95-105% UH	6 or 12	1.1Um	AC380	AC220 127 110	The capacity distribution of each winding can be made on demand	
JBK6-63	63									Controls
JBK6-100	100									
JBK6-160	160	85					48 35 24	Lighting or control		
JBK6-250	250									
JBK6-400	400									
JBK6-630	630	90					AC220	12 6		signal
JBK6-800	800									
JBK6-1000	1000									
JBK6-1600	1600									
JBK6-2500	2500		6≥Um> 4.5 12≥Um> 9							

LBK 6 Machine Tool Control Transformer



LBK6

Outline and mounting dimensions



LBK6-40~80 LBK6-1000~1600 Vertical

LBK6-1000~2500

Model	B max	D max	E max	Installation hole distance A	Installation hole distance C	Mounting Hole K	F max	Remark
LBK6-40	78	72	90	56±.015	46±0.125	4.6	1.5	
LBK6-100	85	75	96	64±0.15	62±0.15	4.6	1.5	
LBK6-160	96	92	105	84±.0175	73.5±0.15	5.5	1.5	
LBK6-250	96	100	104	84±.0175	85±0.175	5.8	1.5	
LBK6-400	120	100	122	90±0.175	85±0.175	5.8	2	
LBK6-630	150	110	140	122±0.2	90±0.175	7	2	
LBK6-800	150	128	142	122±0.2	105±0.2	7	2	
LBK6-1000	150	190	142	126±0.2	155±0.2	7	3	Horizontal
LBK6-1000	168	125	155	105±0.2	138±0.2	9	2	Vertical
LBK6-1600	170	225	153	140±0.2	176±0.2	7	3	Horizontal
LBK6-1600	168	138	155	116±0.2	138±0.2	9	2	Vertical
LBK6-2500	194	160	165	172±0.2	195±0.23	7	4	Horizontal

Model	Rated capacity (VA)	Efficiency (%)	Output voltage under load		Output voltage under no load		Rated input voltage (V)	Rated output voltage (V)	Remark	
			Signal winding (%)	Control winding (%)	Signal winding (%)	Control winding (%)				
LBK6-40	40	80	6≥Um>5 12≥Um>10	95-105% UH	6 or 12	1.1Um	AC380	AC220	The capacity distribution of each winding can be made on demand	
LBK6-63	63							127		
LBK6-100	100							110		
LBK6-160	160	85						48 35 24		Lighting or control signal
LBK6-250	250									
LBK6-400	400									
LBK6-630	630	90					6≥Um>4.5 12≥Um>9	AC220		12 6
LBK6-800	800									
LBK6-1000	1000									
LBK6-1600	1600									
LBK6-2500	2500									