

ENCLOSURE THERMAL
MANAGEMENT

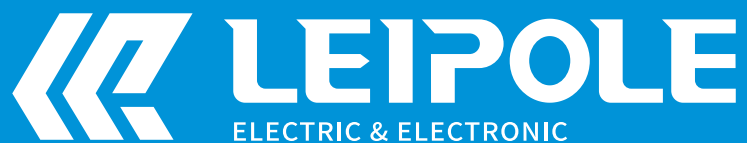
BUSBAR SYSTEM

CONTROL TRANSFORMER

ENCLOSURE ACCESSORIES



Elevating Enclosure Performance



www.leipole.net

LEIPOLE OVERVIEW

Leipole Electric is a global provider of innovative electrical enclosure solutions, specializing in thermal management, control transformers, and busbar systems.

OUR VISION & MISSION

Our vision is to elevate enclosure performance worldwide, and our mission is to deliver reliable, high-quality solutions for industrial efficiency and safety.

INDUSTRY SOLUTIONS

Leipole offers tailored solutions for industries such as manufacturing, automation, and power distribution, ensuring optimized performance and safety.

GLOBAL PRESENCE

With a strong global footprint, Leipole serves customers in Asia, Europe, and the Americas through a robust distribution network.

CORE EXPERTISE

Leipole excels in thermal management, control transformers, busbar systems, and enclosure accessories, backed by continuous innovation and R&D.

PRODUCT DETAILS

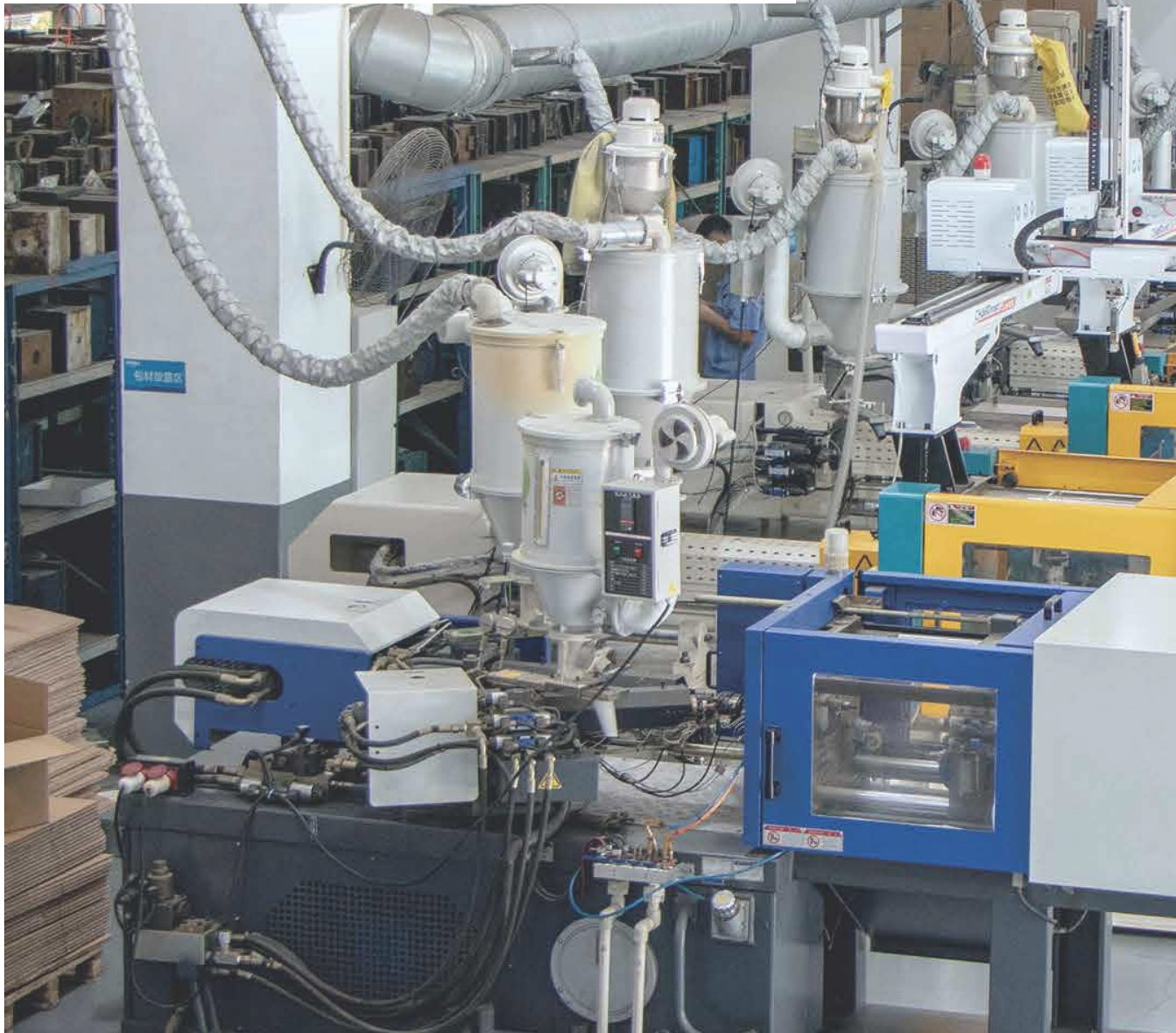
Our comprehensive product line includes cooling fans, transformers, and busbar systems, designed to meet international standards for industrial use.



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LEIPOLE OVERVIEW



ABOUT US

Leipole Electric, headquartered in Singapore, is a premier provider of comprehensive enclosure solutions, offering a wide range of accessories that enhance the performance, safety, and efficiency of electrical systems.



Guided by our slogan, "Elevating Enclosure Performance," we are committed to delivering innovative products that meet the evolving demands of industries worldwide.



OUR VISION

"To elevate enclosure performance globally with innovative, reliable solutions."

VISION

To be the global leader in enclosure solutions, setting new standards in performance, quality, and innovation while driving the success of our clients through exceptional products and services.

MISSION

To elevate the performance of electrical enclosures by providing innovative, reliable, and high-quality accessories that meet the diverse needs of industries globally.

VALUE

Innovation

We drive progress through continuous innovation, developing advanced solutions that meet the evolving needs of modern industries.

Quality

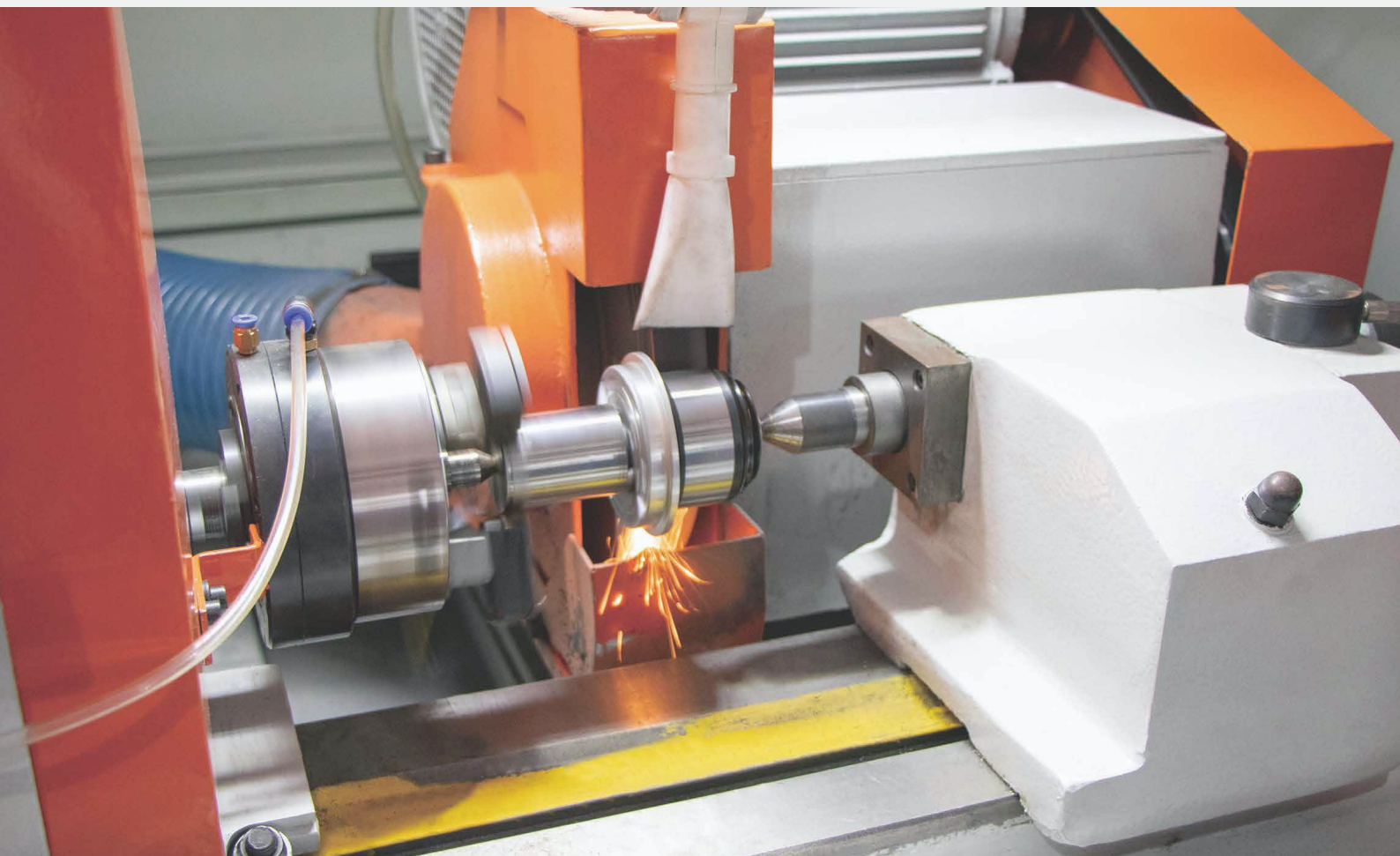
We are committed to delivering products of the highest quality, ensuring reliability, safety, and performance in every solution we provide.

Customer Focus

Our customers are at the heart of everything we do; we strive to exceed their expectations with tailored solutions and exceptional support.

Integrity

We uphold the highest standards of honesty and transparency, fostering trust and long-term relationships with our clients and partners.



INDUSTRY SOLUTIONS

Leipole provides comprehensive solutions for a wide range of industries, ensuring optimal performance and protection for electrical enclosures:

Manufacturing

Leipole's thermal management systems and control transformers improve operational efficiency and reliability, minimizing downtime in high-demand environments.



GLOBAL PRESENCE

Leipole Electric's extensive global network of manufacturing and distribution partners ensures that our products are available to customers worldwide. Our strategic presence in key markets enables us to deliver tailored solutions, backed by responsive support and localized expertise.





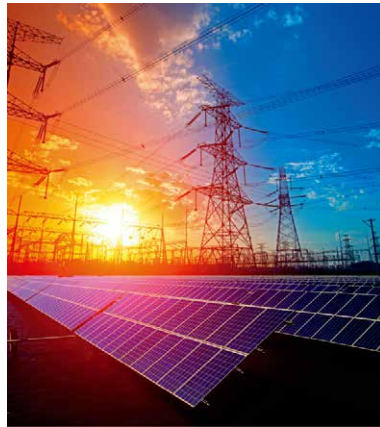
EV Charger

Our enclosure cooling systems help maintain the efficiency and safety of EV charging stations by preventing overheating in high-demand environments.



Power Distribution

Leipole's solutions ensure stable and efficient power distribution, with products like busbar systems and cooling fans designed to handle high electrical loads in energy-intensive environments.



Renewable Energy

Our products, such as enclosure cooling solutions and protective accessories, are optimized for renewable energy systems, ensuring performance and longevity in solar and wind applications.



R&D, SALES OFFICE

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CORE EXPERTISE

Leipole Electric specializes in the design, manufacturing, and supply of high-quality enclosure accessories

Thermal Management

Leipole specializes in advanced thermal solutions for electrical enclosures, including cooling fans, air conditioners, and heaters. These products are designed to maintain optimal temperatures, prevent overheating, and ensure the reliable performance of sensitive components.

INNOVATIVE R&D

Leipole's R&D team continuously innovates to enhance product functionality, safety, and compliance with international standards, ensuring that our solutions meet the evolving demands of industries like automation, renewable energy, and EV charging.



"In-house UL-accredited laboratory"



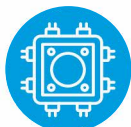
Control Transformers

Leipole's control transformers provide stable voltage regulation and high efficiency for diverse industrial applications



Busbar Systems

Leipole's busbar systems ensure reliable performance, reduced wiring complexity, and enhanced safety for diverse applications.

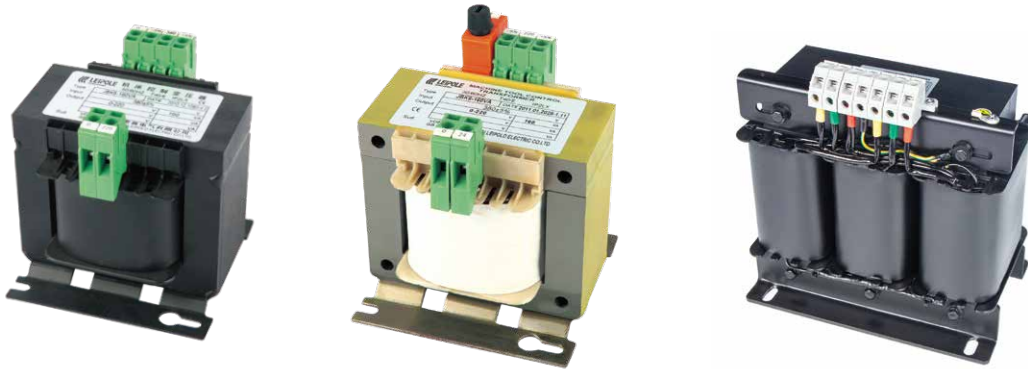


Enclosure Accessories

Leipole offers a comprehensive selection of enclosure accessories, to ensure the protection and efficiency of electrical equipment.



CONTROL TRANSFORMERS



Leipole Control Transformers: Reliable Power Solutions for Every Application

Leipole Electric offers a comprehensive range of control transformers, engineered to deliver stable and precise voltage regulation for industrial and commercial environments. Our transformers ensure optimal performance for control circuits, providing reliable power solutions across various applications.

Our product lineup includes the following models, each designed for specific operational needs:

- **JBK2 Series:** A cost-effective solution for basic control circuit applications, providing dependable performance with minimal maintenance requirements.
- **JBK3 Series:** Ideal for standard applications, offering reliable power and durability for general industrial use.
- **JBK5 Series:** Designed for advanced industrial environments, with improved aesthetics, safety features, and voltage stability for more demanding conditions.
- **JBK6 Series:** Built for harsh environments, featuring corrosion resistance and protection against extreme conditions like humidity, coastal exposure, or desert climates.
- **JBK7 Series:** The premium option for critical and high-performance applications, delivering low energy loss, high efficiency, and superior reliability in extreme temperatures.

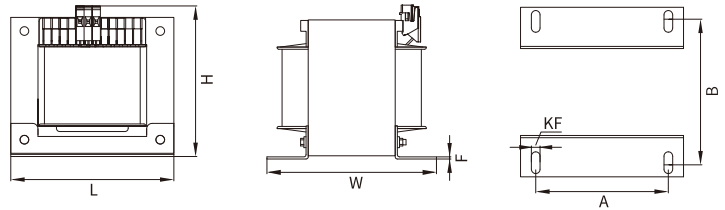
Leipole's control transformers are trusted for their consistent performance, long lifespan, and ability to protect sensitive equipment. Whether your needs are for basic industrial operations or complex environments, Leipole has the right transformer to meet your requirements.

JBK2

Certification
CE RoHS

IP rating
IP20

Dimension and mounting size



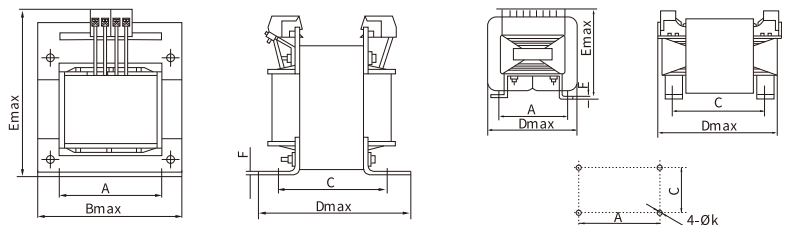
Model	Order numbe	Outline size			Installation size		KF	F
		L	W	H	A	B		
JBK2-63VA	4028.001	84	94	92	64±0.2	62±0.2	4.6	1.5
JBK2-100VA	4028.002	96	105	105	84±0.2	87±0.2	5.8	1.5
JBK2-160VA	4028.003	96	110	105	84±0.2	85±0.2	5.8	1.5
JBK2-250VA	4028.004	120	100	122	90±0.2	85±0.2	5.8	1.5
JBK2-400VA	4028.005	120	115	122	90±0.2	96±0.2	7	2
JBK2-500VA	4028.006	150	110	145	122±0.2	90±0.2	7	2
JBK2-630VA	4028.007	150	128	145	122±0.2	105±0.2	7	2
JBK2-800VA	4028.008	168	125	155	138±0.2	105±0.2	9	2
JBK2-1KVA	4028.009	168	125	155	138±0.2	105±0.2	9	2
JBK2-1.6KVA	4028.010	168	138	155	138±0.3	116±0.5	10	3
JBK2-2KVA	4028.011	180	160	164	135±0.2	130+0.5	8	3
JBK2-2.5KVA	4028.012	192	170	180	168±0.2	140+0.5	10	3
JBK2-3KVA	4028.013	228	160	215	190±0.4	152±0.5	10	3
JBK2-4KVA	4028.014	228	192	215	190±0.4	162±0.5	10	3
JBK2-5KVA	4028.015	228	212	230	190±0.4	200±0.5	10	3
JBK2-6KVA	4028.016	228	212	230	190±0.4	200±0.5	10	3
JBK2-7KVA	4028.017	240	230	250	200±0.4	200±0.5	10	4
JBK2-8KVA	4028.018	240	240	250	200±0.4	205±0.5	10	4
JBK2-10KVA	4028.019	270	270	280	225±0.4	200±0.5	12	4
JBK2-12KVA	4028.020	300	280	320	250±0.4	190±0.5	12	4
JBK2-15KVA	4028.021	300	310	320	250±0.4	210±0.5	12	5
JBK2-20KVA	4028.022	300	330	320	250±0.4	230±0.5	12.5	5

JBK3

Certification
CE RoHS

IP rating
IP20

Dimension and mounting size



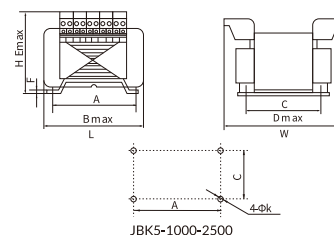
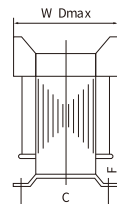
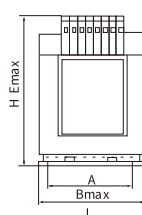
Model	Order numbe	B max	D max	E max	Hole distance A	Hole distance C	Hole distance K	F max
JBK3-40、63	4010.001/2	78	72	89	56±0.4	51±2	4.8	2
JBK3-100	4010.003	84	85	94	64±0.4	66±2	4.8	2
JBK3-160	4010.004	96	92	109	84±0.4	73±2	5.8	2
JBK3-250	4010.005	96	105	109	84±0.4	87±2	5.8	2
JBK3-400	4010.006	120	109	123	90±0.4	90±2	7	2.5
JBK3-630	4010.009	150	112	150	122±0.5	90±2	6	2.5
JBK3-1000	4010.010	160	195	151	130±2	152±2	7	3
JBK3-1600	4010.011	170	225	163	144±2	176±2	7	3
JBK3-2500	4010.012	200	250	171	170±2	200±2	7	4

JBK5

Certification
CE RoHS

IP rating
IP20

Dimension and mounting size



Model	Rated capacity (VA)	Efficiency (%)	Load output voltage		Installation size		Rated input voltage (V)	Rated output voltage (V)	Remarks	
			signal winding (%)	control winding (%)	signal winding (%)	control winding (%)				
JBK5-40	40	80	6≥Um>5 12≥Um>10				AC380 ±5%	AC220 (127) 110	The distribution of every winding capacity can de made according to user's demand	
JBK5-63	63									
JBK5-100	100									
JBK5-160	160	85								
JBK5-250	250									
JBK5-400	400									
JBK5-630	630									
JBK5-800	800									
JBK5-1000	1000	90	6≥Um>4.5 12≥Um>9 12.8≥Um>9.6 13.5≥Um>10	95%-105% UH	6 or12	1.1Um	AC220 ±5%	48 35 24		light or control
JBK5-1600	1600									
JBK5-2500	2500									
JBK5-3000	3000									
JBK5-4000	4000	90	15.2≥Um11				0-380 or 0-220 without ±5% 0-380 or 0-220 without ±5%	12 6		signal
JBK5-5000	5000									
JBK5-6000	6000									
JBK5-7000	7000									
JBK5-8000	8000									
JBK5-10000	10000									
JBK5-15KVA	15000									
JBK5-20KVA	20000									
JBK5-30KVA	30000									
JBK5-40KVA	40000									
JBK5-50KVA	50000									
JBK5-60KVA	60000									

Model	Order numbe	B max	D max	E max	Hole distance A	Hole distance C	Hole distance K	F max	Remarks
JBK5-40	4011.001	78	72	90	56±0.15	46±0.125	4.6	1.5	
JBK5-63	4011.002	78	72	90	56±0.15	46±0.125	4.6	1.5	
JBK5-100	4011.003	84	75	96	64±0.15	62±0.15	4.6	1.5	
JBK5-160	4011.004	96	92	105	84±0.175	73.5±0.15	5.5	1.5	
JBK5-250	4011.005	96	100	104	84±0.175	85±0.175	5.8	1.5	
JBK5-400	4011.006	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	4011.007	150	110	140	122±0.2	90±0.175	7	2	
JBK5-800	4011.008	150	128	142	122±0.2	105±0.2	7	2	
JBK5-1000	4011.009*	150	190	142	130±0.2	152±0.2	7	3	Horizontal
JBK5-1000	4011.009*	168	125	155	138±0.2	105±0.2	9	2	Vertical
JBK5-1600	4011.010*	170	225	153	144±0.2	176±0.2	7	3	Horizontal
JBK5-1600	4011.010*	168	138	155	138±0.2	116±0.2	7	2	Vertical
JBK5-2500	4011.011	194	250	170	170±0.2	200±0.23	7	4	Horizontal
JBK5-2500	4011.011	228	200	230	190±1.0	126±1.0	10	4	Vertical
JBK5-3000	4011.012	194	250	190	170±0.2	200±0.23	7	4	Horizontal
JBK5-3000	4011.012	228	210	230	190±1.0	146±1.0	10	4	Vertical
JBK5-4000	4011.013	194	250	200	170±0.2	200±0.23	7	4	Horizontal

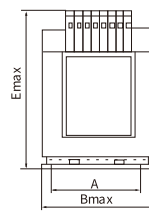
Model	Order numbe	B max	D max	E max	Hole distance A	Hole distance C	Hole distance K	F max	Remarks
JBK5-4000	4011.013	228	240	230	190±1.0	146±1.0	10	4	Vertical
JBK5-5000	4011.014	220	286	215	208±0.5	235±0.5	9	4	Horizontal
JBK5-5000	4011.014	240	225	240	200±1.0	152±1.0	10	4	Vertical
JBK5-6000	4011.015	220	286	215	208±0.5	235±0.5	9	4	Horizontal
JBK5-6000	4011.015	240	240	240	200±1.0	162±1.0	10	4	Vertical
JBK5-7000	4011.016*	220	286	250	208±0.5	235±0.5	9	4	Horizontal
JBK5-7000	4011.016*	240	240	260	200±0.5	165±0.5	12	4	Vertical
JBK5-8000	4011.017	270	310	320	225±0.5	205±0.5	12	4	Vertical
JBK5-10000	4011.018	270	310	320	225±0.5	205±0.5	12	4	Vertical
JBK5-15KVA	4011.019	330	270	480	290	150	14	5	Vertical
JBK5-20KVA	4011.020	330	300	480	290	180	14	5	Vertical
JBK5-30KVA	4011.021	330	320	480	290	200	14	5	Vertical
JBK5-40KVA	4011.022	330	320	480	290	300	14	5	Vertical
JBK5-50KVA	4011.023	440	320	600	380	210	14	7	Vertical
JBK5-60KVA	4011.024	440	320	600	380	210	14	7	Vertical

JBK6

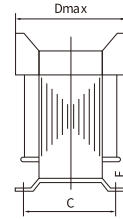
Certification
CE RoHS

IP rating
IP20

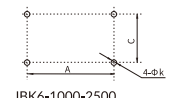
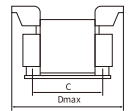
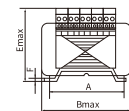
Dimension and mounting size



JBK6-40-800



JBK6-1000-1600 Horizontal



JBK6-1000-2500

Model	Order numbe	B max	D max	E max	Hole distance A	Hole distance C	Hole distance K	F max	Remarks
JBK6-40/63	4012.001/2	78	72	90	56±0.15	46±0.125	4.6	1.5	
JBK6-100	4012.003	84	75	96	64±0.15	62±0.15	4.6	1.5	
JBK6-160	4012.004	96	92	105	84±0.175	73.5±0.15	5.5	1.5	
JBK6-250	4012.005	96	100	104	84±0.175	85±0.175	5.8	1.5	
JBK6-400	4012.006	120	100	122	90±0.175	85±0.175	5.8	2	
JBK6-500	4012.012	120	110	122	90±0.175	96±0.175	5.8	2	
JBK6-630	4012.007	150	110	140	122±0.2	90±0.175	7	2	
JBK6-800	4012.008	150	128	142	122±0.2	105±0.2	7	2	
JBK6-1000	4012.009	150	190	142	130±0.2	152±0.2	7	3	Horizontal
JBK6-1000	4012.009	168	125	155	138±0.2	105±0.2	9	2	Vertical
JBK6-1600	4012.010	170	225	153	144±0.2	176±0.2	7	3	Horizontal
JBK6-1600	4012.010	168	138	155	138±0.2	116±0.2	7	2	Vertical
JBK6-2500	4012.011	194	250	170	170±0.2	200±0.23	7	4	Horizontal

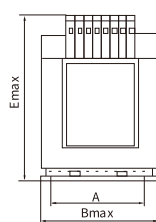
Model	Rated capacity (VA)	Efficiency (%)	Load output voltage		Installation size		Rated input voltage (V)	Rated output voltage (V)	Remarks
			signal winding (%)	control winding (%)	signal winding (%)	control winding (%)			
JBK6-40	40	80	6≥Um>5 12≥Um>10	95%-105% UH	6 or12	1.1Um	AC380 ±5%	AC220 (127)	The distribution of every winding capacity can de made according to user's demand
JBK6-63	63							110	
JBK6-100	100							48	
JBK6-160	160							35	
JBK6-250	250							24	
JBK6-400	400							12	
JBK6-630	630	85	6≥Um>5 12≥Um>10	95%-105% UH	6 or12	1.1Um	AC220 ±5%	12	
JBK6-800	800							6	
JBK6-1000	1000								
JBK6-1600	1600								
JBK6-2500	2500	90	6≥Um>4.5 12≥Um>9						

JBK7

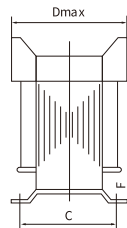
Certification
CE RoHS

IP rating
IP20

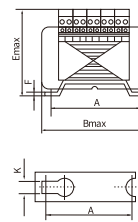
Dimension and mounting size



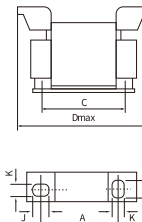
JBK7-40-800



JBK7-1000-1600 Vertical



JBK7-1000-2500



Model	Order numbe	B max	D max	E max	Hole distance A	Hole distance C	Hole distance K	F max	Remarks
JBK7-40/63	4013.001/2	78	72	90	56±0.5	46±0.5	4.6	1.5	
JBK7-100	4013.003	84	75	96	64±0.5	62±0.5	4.6	1.5	
JBK7-160	4013.004	96	92	105	84±0.5	73.5±0.5	5.5	1.5	
JBK7-250	4013.005	96	100	105	84±0.5	85±0.5	5.8	1.5	
JBK7-300	4013.006	96	107	105	84±0.5	85±0.5	5.8	2	
JBK7-400	4013.007	120	100	122	90±0.5	85±0.5	5.8	2	
JBK7-630	4013.008	150	110	140	122±0.5	90±0.5	7	2	
JBK7-800	4013.009	150	128	142	122±0.5	105±0.5	7	2	
JBK7-1000	4013.010	150	190	142	130±0.2	152±0.2	7×12	3	Horizontal
JBK7-1000	4013.010	168	138	155	138±0.5	105±0.5	9×15	2	Vertical
JBK7-1600	4013.011	170	225	153	144±0.2	176±0.2	7×12	3	Horizontal
JBK7-1600	4013.011	168	138	155	138±0.2	116±0.2	7×15	2	Vertical
JBK7-2500	4013.012	194	250	170	170.5±0.2	200±0.23	7×12	4	Horizontal

Model	Rated capacity (VA)	Efficiency (%)	Load output voltage		Installation size		Rated input voltage (V)	Rated output voltage (V)	Remarks
			signal winding (%)	control winding (%)	signal winding (%)	control winding (%)			
JBK7-40	40	85	6≥Um>5 12≥Um>10	95%-105% UH	6 or 12	1.1Um	AC380 ±5%	AC220	The distribution of every winding capacity can be made according to user's demand
JBK7-63	63							(127)	
JBK7-100	100							110	
JBK7-160	160							48	
JBK7-250	250							35	
JBK7-400	400							24	
JBK7-630	630							12	
JBK7-800	800	94	6≥Um>4.5 12≥Um>9				AC220 ±5%	6	
JBK7-1000	1000								
JBK7-1600	1600								
JBK7-2500	2500								

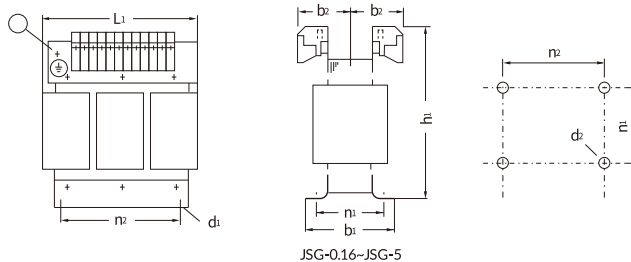
JSG

Certification
CE RoHS

IP rating
IP20

Dimension and mounting size

Three-phase dry type transformer
(servo transformer)



Model	Order numbe	Capacity KVA	b1 max	b2 max	d1	d2	h1 max	L1 max	n1	n2
JSG-0.16	4014.001	0.16	64	50	5×8	M4	140	122	49	90
JSG-0.25	4014.002	0.25	67	48	6×12	M5	162	156	49	113
JSG-0.4	4014.003	0.4	82	56	6×12	M5	162	156	64	113
JSG-0.63	4014.004	0.63	76	51	7.4×13	M6	187	181	56	136
JSG-1	4014.005	1	97	61	7.4×13	M6	187	181	76	136
JSG-1.6	4014.006	1.6	115	98	7.4×13	M6	214	229	94	170
JSG-2.5	4014.007	2.5	133	102	10×18	M8	241	264	114	200
JSG-4	4014.008	4.0	148	104	10×18	M8	250	300	118	224
JSG-6.3	4014.009	6.3	155	129	10×18	M8	320	360	127	264
JSG-8	4014.010	8	170	134	12×20	M10	380	420	120	315
JSG-10	4014.011	10	170	134	12×20	M10	380	420	120	315

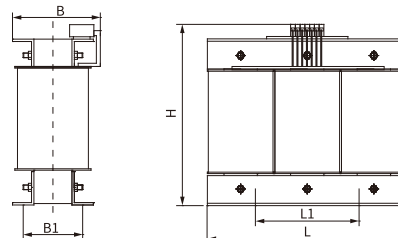
SG

Certification
CE RoHS

IP rating
IP20

Dimension and mounting size

SG series low-voltage three phase
dry-type transformer



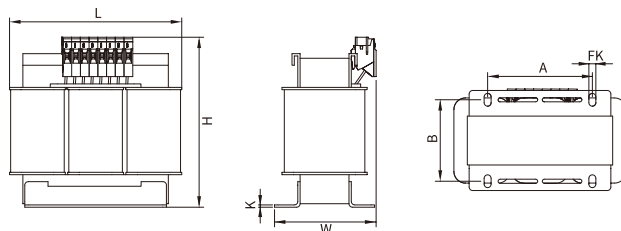
Model	Order numbe	Capacity KVA	Input voltage (V)	Group	Outline size			Installation size		Hole radius
					L	B	H	L1	B1	
SG-2.5	4015.001	2.5			270	180	260	200	114	10
SG-3	4015.002	3			270	190	260	200	124	10
SG-4	4015.003	4			300	190	290	224	120	10
SG-5	4015.004	5			300	210	290	224	135	10
SG-6	4015.005	6			360	200	350	264	127	14
SG-7	4015.006	7			360	200	370	264	127	14
SG-8	4015.007	8			360	240	370	264	142	14
SG-10	4015.008	10			420	240	420	315	150	12.5
SG-12	4015.009	12	660	△	420	240	420	315	150	12.5
SG-15	4015.010	15		or	420	280	420	315	160	12.5
SG-20	4015.011	20		y	480	260	450	360	150	12.5
SG-25	4015.012	25	380		480	270	450	360	180	12.5
SG-30	4015.013	30			480	270	450	360	200	12.5
SG-40	4015.014	40			540	300	450	360	200	12.5
SG-45	4015.015	45			540	300	500	360	200	12.5
SG-50	4015.016	50			600	350	560	450	210	12.5
SG-60	4015.017	60			600	350	560	450	210	15
SG-80	4015.018	80			660	380	660	550	240	15
SG-100	4015.019	100			660	380	660	550	240	15

SGB

Certification
CE RoHS

IP rating
IP20

Dimension and mounting size



Model	Order numbe	Outline size			Installation size		KF	F
		L	W	H	A	B		
SGB-0.5KVA	4029.001	180	110	187	136	78	7.5	2
SGB-1KVA	4029.002	180	130	187	136	98	7.5	2
SGB-1.6KVA	4029.003	240	180	240	200	114	10	4
SGB-2KVA	4029.004	240	190	240	200	124	10	4
SGB-2.5KVA	4029.005	300	170	290	224	104	10	4
SGB-3KVA	4029.006	300	190	290	224	124	10	4
SGB-4KVA	4029.007	300	200	290	224	134	10	4
SGB-5KVA	4029.008	300	220	290	224	154	10	4
SGB-6KVA	4029.009	300	240	290	224	174	10	4
SGB-7KVA	4029.010	360	200	350	264	125	14	4
SGB-8KVA	4029.011	360	220	350	264	145	14	4
SGB-10KVA	4029.012	420	240	420	280	156	12.5	4
SGB-12KVA	4029.013	420	250	420	280	166	12.5	4
SGB-15KVA	4029.014	420	275	420	280	190	12.5	4
SGB-20KVA	4029.015	480	280	480	360	180	12.5	4
SGB-25KVA	4029.016	480	300	480	360	200	12.5	4
SGB-30KVA	4029.017	480	300	480	360	200	12.5	4
SGB-40KVA	4029.018	540	300	540	450	210	15	4
SGB-50KVA	4029.019	540	320	540	450	230	15	4

DZD/JSZ dc power

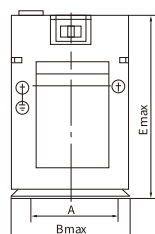
Certification
CE RoHS

IP rating
IP20

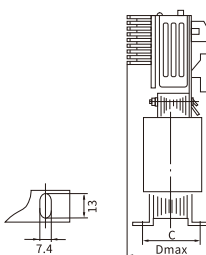
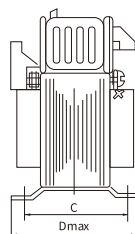
Dimension and mounting size



DZD



DZD-2, 5, 10A



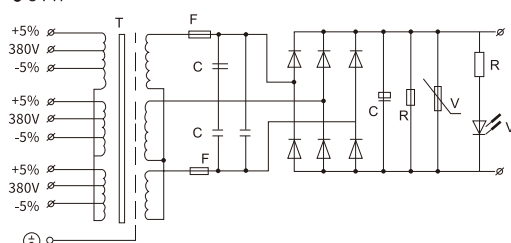
JSZ-20A



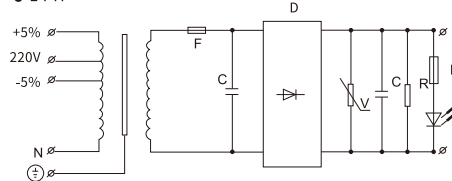
JSZ

Circuit diawing

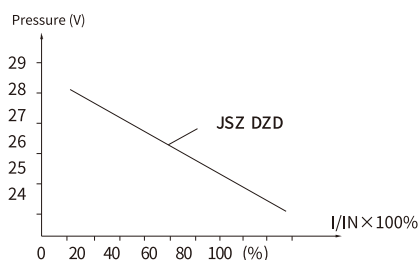
• 3 PH



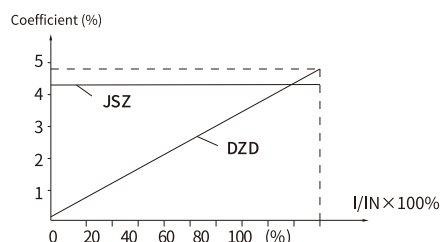
• 1 PH



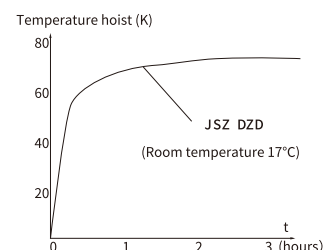
Characteristic curve



Ripple factor

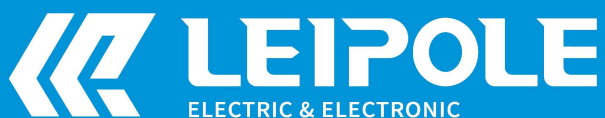


The radiator rising curve



Model	DZD	JSZ
Rated input voltage	AC220V±5%, AC380V±5%	
Rated output voltage	DC24V	
Rated input current	2A, 5A, 10A, 20A	
Rated load input voltage	95% Un ≤ U _m ≤ 105% Un	
Efficiency	>75%	
Ripple coefficient	≤5% (JSZ types ≤2%)	
frequency withstand voltage	AC2500V 1min / AC1000V 1min	
Environment temperature	-5 °C ~ +40 °C	

Model	DZD-2A	DZD-5A	DZD-10A	JSZ-20A
Order number	4017.001	4017.002	4017.003	4017.004
B max	78	96	120	180
D max	72	93	100	97
E max	100	133	168	225
A	56	84	90	136
C	46	73.5	85	56



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