

概述 Overview

我公司多年来采用优质材料和先进的工艺技术专业生产160VA到10KVA之间，JSG系列三相干式变压器，是我公司参照西门子公司同类产品最新研制开发数控系统用变压器，尤其160VA—10KVA之间的三相干式变压器，产品外形的安装尺寸已经标准化，与西门子4AP系列通用，产品符合VDE0550、IEC439、JB5555、GB5226等国际、国家标准。

JSG系列三相干式变压器广泛适用于交流50/60Hz，输入、输出电压不超过1120V的各种三相供电场合。

产品的各种输入，输出电压的高低、联接组别、调节抽头的多少及位置(一般为 $\pm 5\%$)、绕组容量的分配、次级单相绕组的配备、整流电路的运用、是否要求带外壳等，均可根据用户的要求进行精心的设计与制造。

Adopting technology of Siemens company, we design and manufacture JSG series three phase transformer with voltage between 160VA and 16KVA. The figure and installation size have been standardized and can be used together with 4AP series of Siemens.

JSG series transformer used for equipment with input and output voltage less than 500V and frequency 50/60Hz.

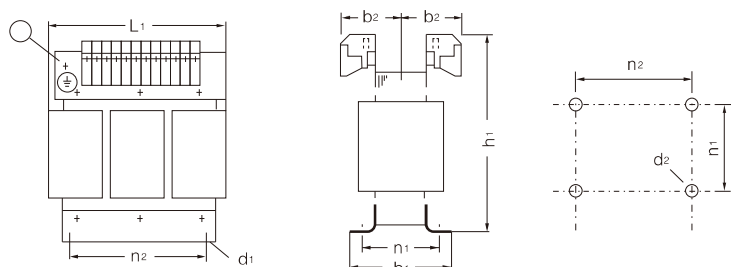
Product comply with VDE0550, IEC439, JB5555, GB5226 standard.



型号及其含义 Type and meaning



外形及安装尺寸 Appearance and installing size



JSG-0.16~JSG-5

技术数据 Technical data

型号 Model	订货号 Order number	容量 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

概述 Overview

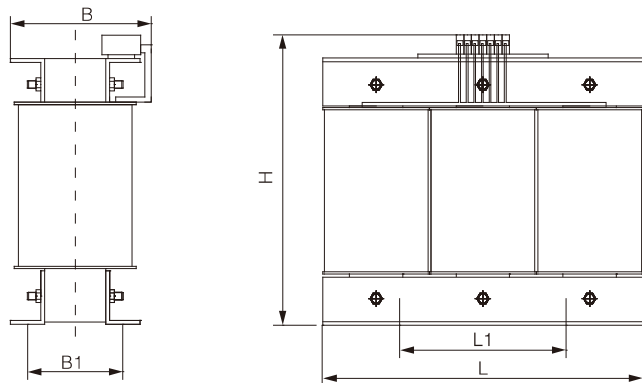
SG系列低压三相干式变压器广泛用于工矿企业、数控机床、加工中心、各类机械、发电厂、机场等安全防火要求较高的场所,作变换电源、照明电气、动力电源、整流电源之用。

Mainly used for power exchange, illumination electric, power and current rectify. Capacity: 0.5–100KVA.

Input voltage: 660 and 380 V.

Way of connection: Y or Delta.

外形及安装尺寸 Appearance and installing size



技术数据 Technical data

型号 Model	订货号 Order number	容量 Capacity KVA	输入电压(V) Input voltage	连接组别 Group	外形尺寸 Outline size			安装尺寸 Installation size		安装孔径 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

注 Remark:

- 容量100KVA以上, 外形尺寸, 安装尺寸特制, 订货请垂询。
 - 以上外形及安装尺寸, 为客户作为选型之用, 如客户由于安装空间限制, 我司可依据客户所需另行精心设计。
 - 以上是常规尺寸, 若变压器输出电流 250A 以上, 则为大电流变压器, 需另行设计, 外形及安装尺寸会有所不同。
1. More than 100KVA capacity, size, installation size special, order, please contact us.
2. Figure and size can be designed according to requirements.
3. When output current exceed 250A, figure and outline size will be different.



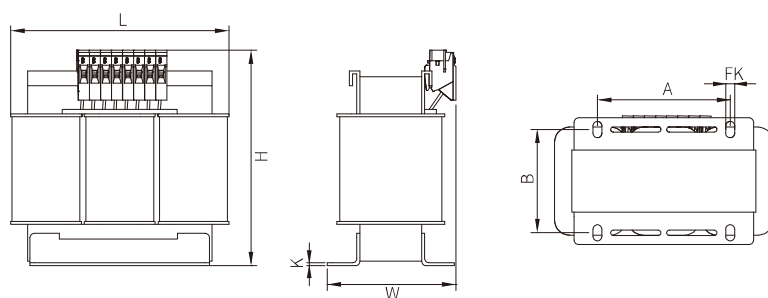
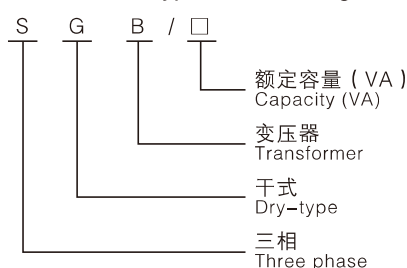
概述 Overview

SGB系列三相干式变压器广泛应用于各种高低压成套电气设备、进出口设备、精密机床、电镀、照明、加热、通信、化工等行业。产品采用优质材料和先进的设计，降低了能量损失，提高了效率。容量：0.5–50KVA,绝缘等级为F级，适用于交流50Hz/60Hz系统，额定电压范围广，可根据用户需求定制。

The SGB series three-phase dry-type transformers are widely used in various high and low voltage complete sets of electrical equipment, import and export equipment, precision machinery, electroplating, lighting, heating, communication, chemical industries, and more. The products use high-quality materials and advanced designs, reducing energy loss and improving efficiency. The capacity ranges from 0.5–50 kVA, with an insulation class of F. They are suitable for 50Hz/60Hz AC systems, and the rated voltage range is extensive and can be customized according to user needs.

外形及安装尺寸 Appearance and installing size

型号及其含义 Type and meaning



技术数据 Technical data

型号 Model	订货号 Order number	外形尺寸 Outline size			安装尺寸 Installation size		安装孔径 KF	板厚 F
		长 L	宽 W	高 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

注 Remark:

- 容量100KVA以上，外形尺寸，安装尺寸特制，订货请垂询。
 - 以上外形及安装尺寸，为客户作为选型之用，如客户由于安装空间限制，我司可依据客户所需另行精心设计。
 - 以上是常规尺寸，若变压器输出电流 250A 以上，则为大电流变压器，需另行设计，外形及安装尺寸会有所不同。
1. More than 100KVA capacity, size, installation size special, order, please contact us.
 2. Figure and size can be designed according to requirements.
 3. When output current exceed 250A, figure and outline size will be different.



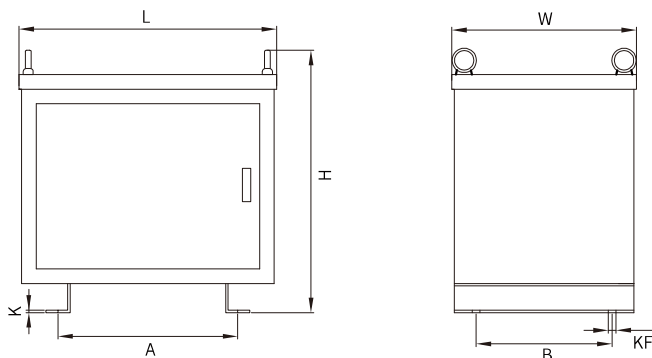
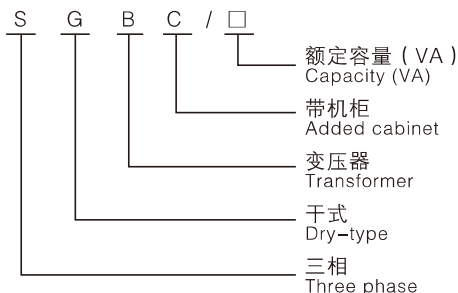
概述 Overview

SGBC系列变压器是在SGB产品基础上，加装机柜。默认防护等级为IP22,7KVA以上规格自带风机，温控系统。如客户需加装：仪表，开关，监测产品内部温升，提高产品防护等级，以及安装于户外等，特殊定制，经协商亦可生产。

The SGBC series transformers are based on the SGB product line but come with an added cabinet. The default protection rating is IP22, and models above 7KVA come equipped with fans and a temperature control system. If customers require additional features such as meters, switches, monitoring of internal temperature rises, enhanced protection ratings, or installation outdoors, these can be custom-made upon request and negotiation.

外形及安装尺寸 Appearance and installing size

型号及其含义 Type and meaning

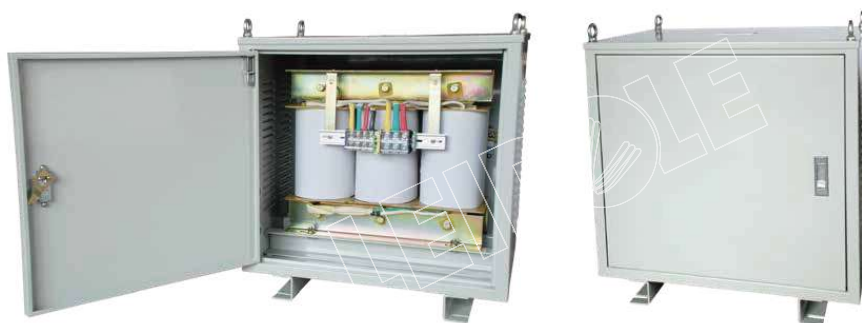


技术数据 Technical data

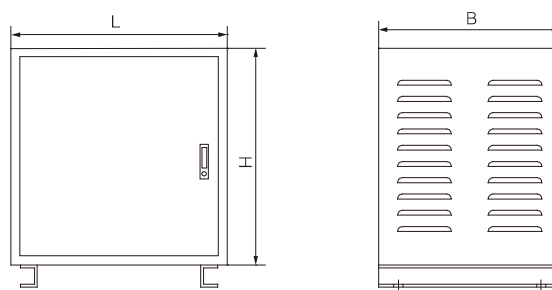
型号 Model	订货号 Order number	外形尺寸 Outline size			安装尺寸 Installation size		安装孔径 KF
		长 L	宽 W	高 H	A	B	
SGBC-0.5KVA	4030.001	230	176	190	218	133	7
SGBC-1KVA	4030.002						
SGBC-1.6KVA	4030.003						
SGBC-2KVA	4030.004						
SGBC-2.5KVA	4030.005	390	280	320	365	230	9
SGBC-3KVA	4030.006						
SGBC-4KVA	4030.007						
SGBC-5KVA	4030.008						
SGBC-6KVA	4030.009	500	380	650	360	300	12.5
SGBC-7KVA	4030.010						
SGBC-8KVA	4030.011						
SGBC-10KVA	4030.012						
SGBC-12KVA	4030.013	600	420	720	460	320	12.5
SGBC-15KVA	4030.014						
SGBC-20KVA	4030.015						
SGBC-25KVA	4030.016						
SGBC-30KVA	4030.017	740	500	780	590	420	14
SGBC-40KVA	4030.018						
SGBC-50KVA	4030.019						

注 Remark:

- 容量20KVA以上，外形尺寸，安装尺寸特制，订货请垂询。
 - 以上外形及安装尺寸，为客户作为选型之用，如客户由于安装空间限制，我司可依据客户所需另行精心设计。
 - 以上是常规尺寸，若变压器输出电流 250A 以上，则为大电流变压器，需另行设计，外形及安装尺寸会有所不同。
1. More than 20KVA capacity, size, installation size special, order, please contact us.
2. Figure and size can be designed according to requirements.
3. When output current exceed 250A, figure and outline size will be different.



外形及安装尺寸 Appearance and installing size



技术数据 Technical data

型号 Model	订货号 Order number	容量 Capacity KVA	外形尺寸 Outline size		
			L	B	H
SGC-2.5KVA	4016.001	2.5	300	240	280
SGC-3KVA	4016.002	3	300	240	280
SGC-4KVA	4016.003	4	390	280	320
SGC-5KVA	4016.004	5	390	280	320
SGC-6KVA	4016.005	6	390	280	320
SGC-8KVA	4016.007	8	500	380	500
SGC-10KVA	4016.008	10	500	380	500
SGC-12KVA	4016.009	12	500	380	500
SGC-15KVA	4016.010	15	500	380	500
SGC-20KVA	4016.011	20	600	420	580
SGC-25KVA	4016.012	25	600	420	580
SGC-30KVA	4016.013	30	600	420	580
SGC-40KVA	4016.014	40	600	420	580
SGC-45KVA	4016.015	45	740	500	720
SGC-50KVA	4016.016	50	740	500	720
SGC-60KVA	4016.017	60	740	500	720
SGC-80KVA	4016.018	80	840	530	720
SGC-100KVA	4016.019	100	840	530	720

DBK系列变压器

DBK单相大电流变压器 DBK single-phase large current transformer

认证 Certification CE RoHS

绝缘等级 Insulation class B

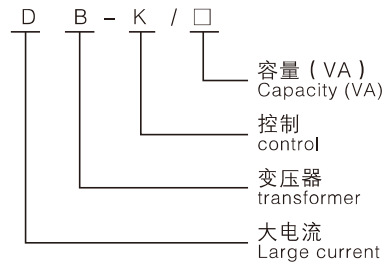
防护等级 IP CODE IP00

概述 Overview

DBK系列单相低电压大电流变压器是雷普公司根据目前市场信息自主设计研发制造的新一代变压器。广泛应用于工业设备中，额定频率为50/60Hz，电源电压不超过500V，为设备提供低电压大电流。

Used in industrial equipment with voltage less than 500V and frequency 50~60Hz to provide big current with low voltage.

型号及其含义 Type and meaning



使用环境 Working environment

- 1、环境温度在-5℃到40℃，且月平均气温不超过30℃时，能长期不间断工作；
 - 2、安装地点海拔不超过1000米。
- 1) temperature: -5℃ to 40℃ and month average less than 30℃.
2) Installation altitude less than 1000m.

容量及外形安装尺寸 Capacity and installation size

- 容量: 0.5~50KVA, 外形及安装尺寸按用户要求，精心设计与制造。
- 1) Capacity: 0.5~50KVA
 - 2) Installation size can be adjust according to customer's requirements.



JBK系列变压器

JBK3系列变压器 JBK3 series transformer

认证 Certification CE RoHS

绝缘等级 Insulation class B

防护等级 IP CODE IP20

概述 Overview

JBK3系列变压器是参考德国西门子公司样机制造的新产品，符合VDE0550、IEC204-I、IEC439、JB5555、GB5226等有关国际、国家标准。

JBK3系列变压器适用于交流50/60Hz，输出额定电压不超过220V，输入额定电压不超过500V，作为各行各业的机械设备，一般电器的控制电源和工作照明、信号灯的电源之用。

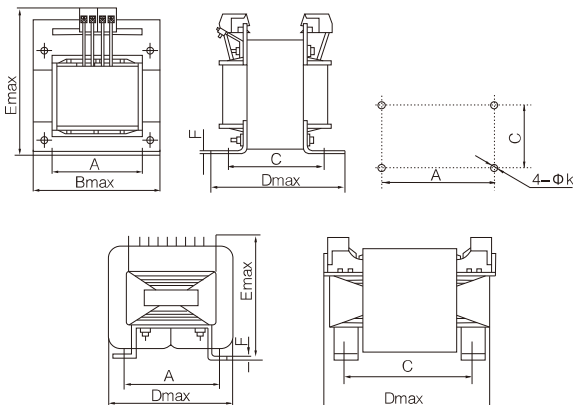
Adopting technology of Siemens company, we design and manufacture JSG series three phase transformer with voltage between 160VA and 16KVA. Product comply with VDE0550, IEC439, JB5555, GB5226 standard.

JSG series transformer used for equipment with input and output voltage less than 500V and frequency 50/60Hz.

型号及其含义 Type and meaning



外形及安装尺寸 Appearance and installing size



技术数据 Technical data

型号 Model	订货号 Order number	长 B max	宽 D max	高 E max	安装孔距 Hole distance A	安装孔距 Hole distance C	安装孔距 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

JBK系列变压器

JBK2系列变压器 JBK2 series transformer

认证 Certification CE RoHS

绝缘等级 Insulation class B/F/H

防护等级 IP CODE IP20

概述 Overview

JBK2系列变压器是一款控制变压器，广泛应用于各种工业控制电路，尤其适合作为机床电器、仪器仪表、自动化设备的电源。它的特点主要包括：

安全隔离：提供电气隔离功能，增强系统安全性。

电压变换：输入输出电压在AC1200V以内，可由用户任意订制；

体积小巧：产品采用优质铁芯材料，紧凑设计，输入输出在同一侧，JBK2系列变压器体积小、重量轻，便于安装和维护。

The JBK2 series transformer is a control transformer widely used in various industrial control circuits, particularly suitable as the power supply for machine tool electrical equipment, instruments, and automation devices. Its main features include:

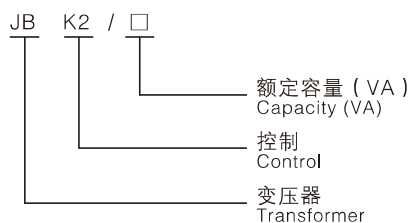
- Electrical Isolation: Provides electrical isolation functionality, enhancing system safety.

- Voltage Transformation: The input and output voltages are within AC 1200V and can be customized by the user.

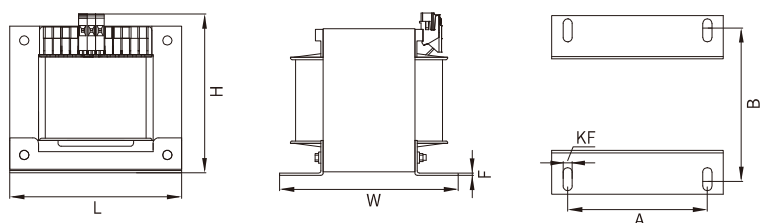
- Compact Size: The product uses high-quality core materials with a compact design, with the input and output on the same side. The JBK2 series transformer is small in size and light in weight, making it easy to install and maintain.



型号及其含义 Type and meaning



外形及安装尺寸 Appearance and installing size



技术数据 Technical data

型号 Model	订货号 Order number	外形尺寸 Outline size			安装尺寸 Installation size		安装孔径 KF	板厚 F
		长 L	宽 W	高 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

注 Remark:

1、容量100KVA以上，外形尺寸，安装尺寸特制，订货请垂询。

2、以上外形及安装尺寸，为客户作为选型之用，如客户由于安装空间限制，我司可依客户所需另行精心设计。

3、以上是常规尺寸，若变压器输出电流 250A 以上，则为大电流变压器，需另行设计，外形及安装尺寸会有所不同。

1. More than 100KVA capacity, size, installation size special, order, please contact us.

2. Figure and size can be designed according to requirements.

3. When output current exceed 250A, figure and outline size will be different.



概述

JBK5系列变压器是我公司引进德国90年代中期最新型变压器系列，在国内JBK3系列变压器基础上，经过多年来进一步吸收国外同类产品，并优选国外先进方法的接线端子结构、将端子与骨架合在一起，使防护等级提高到IP2LX，防止偶然触及电路。采用国内IT冷压接线端子，接线方式可以使接线密集程度提高。

变压器的硅钢片与硅钢片之间联接、硅钢片与底板联接均采用氩弧焊接工艺，形成一个整体，简洁明了。尤其是底板一次性成型，安装尺寸较JBK3系列更为方便，而采用优质防蚀合金材料，大大提高了接地性能的可靠性，全面提高了产品质量，该产品符合VDE0550、IEC204-1、IEC439、JB5555、GB5226等有关国际、国家标准，并荣获欧共体“CE”认证，可与国外产品互换使用。

JBK5系列变压器适用于交流50/60Hz，输入电压不超过1120V，输出额定电压不超过1120V，作为各行各业的机械设备，一般电器控制电源和工作、信号灯的电源之用。

Overview

Adopting technology of Siemens company, we design and manufacture JSG series three phase transformer with voltage between 160VA and 16KVA. The figure and installation size have been standardized and can be used together with 4AP series of Siemens.

JBK5 series transformer used for equipment with input and output voltage less than 500V and frequency 50/60Hz.

Product comply with VDE0550, IEC439, JB5555, GB5226 standard.

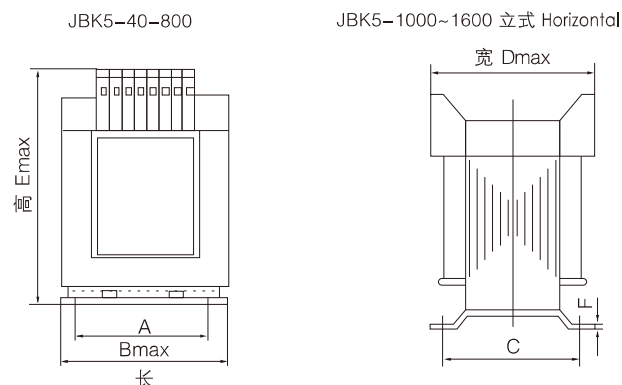
Features:

- 1) Bring in technology of Germany.
- 2) Maximum protection grade reach IP2LX, can stop touch circuit occasionally.
- 3) Adopt cold-pressure connection terminal which can improve connection intensity.
- 4) Adopt excellent corrode-proof material, which greatly improve the reliability of earth connection.
- 5) Used for machine with input voltage less than 500V, output voltage 220V and frequency 50/60Hz.
- 6) Comply with VDE0550, IEC204-1, IEC439, JB5555, GB5226 and certificated by CE.

型号及其含义 Type and meaning



外形及安装尺寸 Appearance and installing size



JBK系列变压器

JBK5系列变压器 JBK5 series transformer

认证 Certification CE RoHS

绝缘等级 Insulation class B

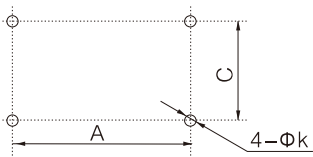
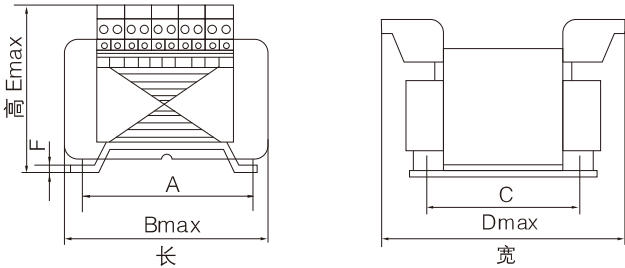
防护等级 IP CODE IP20

外形及安装尺寸 Appearance and installing size



JBK5-1000VA

JBK5-1000-2500



技术数据 Technical data

型号 Model	额定容量 Rated capacity (VA)	效率 Efficiency (%)	负载下的输出电压 Load output voltage		空载下的输出电压 Unload output voltage		额定输入 电压(V) Rated input voltage	额定输出 电压(V) Rated output voltage	备注 Remarks
			信号绕组(%) signal winding	控制绕组(%) control winding	信号绕组(%) signal winding	控制绕组(%) control winding			
JBK5-40	40	80	$6 \geq U_m > 5$ $12 \geq U_m > 10$				AC380 $\pm 5\%$	AC220 (127) 110	控制 control
JBK5-63	63								
JBK5-100	100								
JBK5-160	160								
JBK5-250	250	85	$6 \geq U_m > 5$ $12 \geq U_m > 10$						
JBK5-400	400								
JBK5-630	630								
JBK5-800	800								
JBK5-1000	1000	90	$6 \geq U_m > 4.5$ $12 \geq U_m > 9$	95%~105% UH	6或12 6 or 12	1.1Um		48 35 24	照明 或 控制 light or control
JBK5-1600	1600								
JBK5-2500	2500								
JBK5-3000	3000								
JBK5-4000	4000	90	$12.8 \geq U_m > 9.6$ $13.5 \geq U_m > 10$				AC220 $\pm 5\%$		
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								

技术数据 Technical data

型号 Model	订货号 Order number	长 B max	宽 D max	高 E max	安装孔距 Hole distance A	安装孔距 Hole distance C	安装孔径 Hole distance K	F max	备注 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	卧式 Horizontal
JBK5-1000	4011.009*	168	125	155	138 ± 0.2	105 ± 0.2	9	2	立式 Vertical
JBK5-1600	4011.010*	170	225	153	144 ± 0.2	176 ± 0.2	7	3	卧式 Horizontal
JBK5-1600	4011.010*	168	138	155	138 ± 0.2	116 ± 0.2	7	2	立式 Vertical
JBK5-2500	4011.011	194	250	170	170 ± 0.2	200 ± 0.23	7	4	卧式 Horizontal
JBK5-2500	4011.011	228	200	230	190 ± 1.0	126 ± 1.0	10	4	立式 Vertical
JBK5-3000	4011.012	194	250	190	170 ± 0.2	200 ± 0.23	7	4	卧式 Horizontal
JBK5-3000	4011.012	228	210	230	190 ± 1.0	146 ± 1.0	10	4	立式 Vertical
JBK5-4000	4011.013	194	250	200	170 ± 0.2	200 ± 0.23	7	4	卧式 Horizontal
JBK5-4000	4011.013	228	240	230	190 ± 1.0	146 ± 1.0	10	4	立式 Vertical
JBK5-5000	4011.014	220	286	215	208 ± 0.5	235 ± 0.5	9	4	卧式 Horizontal
JBK5-5000	4011.014	240	225	240	200 ± 1.0	152 ± 1.0	10	4	立式 Vertical
JBK5-6000	4011.015	220	286	215	208 ± 0.5	235 ± 0.5	9	4	卧式 Horizontal
JBK5-6000	4011.015	240	240	240	200 ± 1.0	162 ± 1.0	10	4	立式 Vertical
JBK5-7000	4011.016*	220	286	250	208 ± 0.5	235 ± 0.5	9	4	卧式 Horizontal
JBK5-7000	4011.016*	240	240	260	200 ± 0.5	165 ± 0.5	12	4	立式 Vertical
JBK5-8000	4011.017	270	310	320	225 ± 0.5	205 ± 0.5	12	4	立式 Vertical
JBK5-10000	4011.018	270	310	320	225 ± 0.5	205 ± 0.5	12	4	立式 Vertical
JBK5-15KVA	4011.019	330	270	480	290	150	14	5	立式 Vertical
JBK5-20KVA	4011.020	330	300	480	290	180	14	5	立式 Vertical
JBK5-30KVA	4011.021	330	320	480	290	200	14	5	立式 Vertical
JBK5-40KVA	4011.022	330	320	480	290	300	14	5	立式 Vertical
JBK5-50KVA	4011.023	440	320	600	380	210	14	7	立式 Vertical
JBK5-60KVA	4011.024	440	320	600	380	210	14	7	立式 Vertical

* 此产品需在订货时备注卧式或立式。



概述 Overview

JBK6系列变压器是我公司引进国外最新型变压器系列，在JBK5变压器的基础上，开发出新一代变压器JBK6变压器外形、安装尺寸、使用场合与JBK5变压器等同，JBK6变压器具有JBK5变压器一系列优点外，还具有以下特点：

- 1、接线螺丝比JBK5大，接线更方便，更牢固；
- 2、在用户要求下，可带短路与热保护装置，使用更可靠；
- 3、变压器采用真空浸漆工艺，绝缘材料采用国外进口材料，绝缘性能更稳定。

JBK6 combine all feathers of JBK5 and have following special function.

1. The terminal screw is bigger than JBK5 which make it more convenient to connect.
2. It has short-circuit and heat protection and is more reliable.
3. Adopts technology of vacuum painting and imported insulation material, which make its ability more steady.

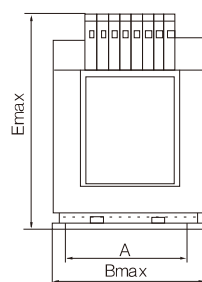
型号及其含义 Type and meaning



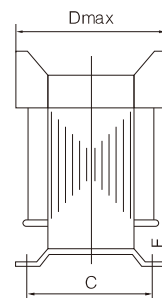
外形及安装尺寸

Appearance and installing size

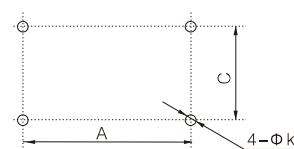
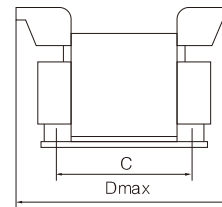
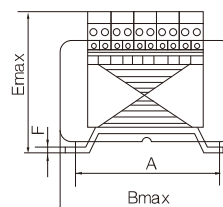
JBK6-40~800



JBK6-1000~1600 立式 Horizontal



JBK6-1000~2500



技术数据 Technical data

型号 Model	订货号 Order number	长 B max	宽 D max	高 E max	安装孔距 Hole distance A	安装孔距 Hole distance C	安装孔距 Hole distance K	F max	备注 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	卧式 Horizontal
JBK6-1000	4012.009	168	125	155	138 ± 0.2	105 ± 0.2	9	2	立式 Vertical
JBK6-1600	4012.010	170	225	153	144 ± 0.2	176 ± 0.2	7	3	卧式 Horizontal
JBK6-1600	4012.010	168	138	155	138 ± 0.2	116 ± 0.2	7	2	立式 Vertical
JBK6-2500	4012.011	194	250	170	170 ± 0.2	200 ± 0.23	7	4	卧式 Horizontal

型号 Model	额定容量 (VA) Rated capacity	效率 Efficiency (%)	负载下的输出电压 Load output voltage		空载下的输出电压 Unload output voltage		额定输入 电压(V)	额定输出 电压(V)	备注 Remarks	
			信号绕组(%) signal winding	控制绕组(%) control winding	信号绕组(%) signal winding	控制绕组(%) control winding	Rated input voltage	Rated output voltage		
JBK6-40	40	80	$6 \geq U_m > 5$ $12 \geq U_m > 10$	$95\% - 105\%$ UH	6或12 6 or 12	1.1Um	AC380 $\pm 5\%$	AC220	控制 control 各绕组容量分配可按照用户要求制造	
JBK6-63	63							(127)		
JBK6-100	100							110		
JBK6-160	160	85					AC220 $\pm 5\%$	48	照明或控制 light or control The distribution of every winding capacity can de made according to user's demand	
JBK6-250	250							35		
JBK6-400	400							24		
JBK6-630	630									
JBK6-800	800	90						$6 \geq U_m > 4.5$ $12 \geq U_m > 9$	12	信号 signal
JBK6-1000	1000									
JBK6-1600	1600									
JBK6-2500	2500									

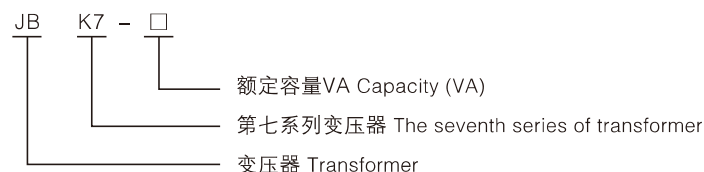
概述 Overview

JBK7系列变压器，是我公司在JBK5变压器的基础上，开发出的一款“贵”族式变压器。JBK7的外形尺寸、安装尺寸与JBK5相同，而在选材上，更精选时下性能优异的材料，将变压器的绝缘等级提高到了F级，其空载性能，负载性能都优于JBK5系列产品，是一款当之无愧的节能环保产品。此外，相比JBK5，它还具有以下特点：

- 1、接线端子增加了插拔式的快速连接功能；
- 2、在客户要求时，可带短路热保护装置，使用更安全可靠；
- 3、采用整台浸漆工艺，绝缘等级F级，提高了产品防潮，防霉，防盐雾的能力，可使用在干热带，湿热带等恶劣环境当中。

JBK7 series transformer, the company is based on the transformer in JBK5, developed an "expensive" family-type transformers. JBK7 shape, mounting and JBK5 the same, and in the selection, performance nowadays even the most excellent selection of materials, transformer insulation level up to the F level, the no-load performance, load performance are superior JBK5 products, Is a well-deserved energy saving products. In addition, compared to JBK5, it also has the following characteristics:

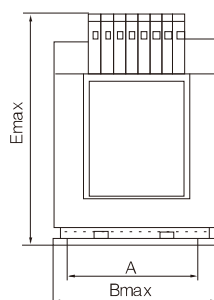
型号及其含义 Type and meaning



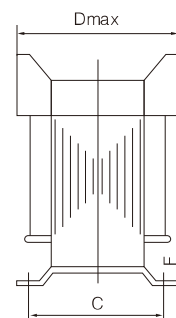
外形及安装尺寸

Appearance and installing size

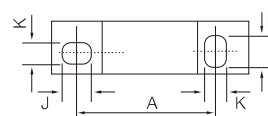
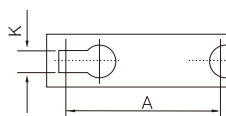
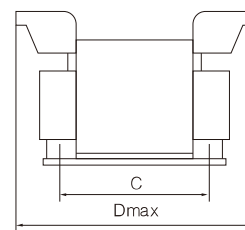
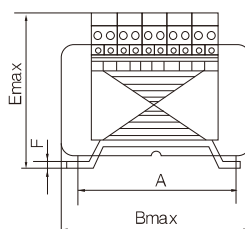
JBK7-40~800



JBK7-1000~1600
立式 Vertical



JBK7-1000~2500



技术数据 Technical data

型号 Model	订货号 Order number	长 B max	宽 D max	高 E max	安装孔距 Hole distance A	安装孔距 Hole distance C	安装孔距 Hole distance K	F max	备注 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	卧式 Horizontal
JBK7-1000	4013.010	168	138	155	138 ± 0.5	105 ± 0.5	9 × 15	2	立式 Vertical
JBK7-1600	4013.011	170	225	153	144 ± 0.2	176 ± 0.2	7 × 12	3	卧式 Horizontal
JBK7-1600	4013.011	168	138	155	138 ± 0.2	116 ± 0.2	7 × 15	2	立式 Vertical
JBK7-2500	4013.012	194	250	170	170.5 ± 0.2	200 ± 0.23	7 × 12	4	卧式 Horizontal

型号 Model	额定容量 (VA) Rated capacity	效率 Efficiency (%)	负载下的输出电压 Load output voltage		空载下的输出电压 Unload output voltage		额定输入 电压(V) Rated input voltage	额定输出 电压(V) Rated output voltage	备注 Remarks						
			信号绕组(%) signal winding	控制绕组(%) control winding	信号绕组(%) signal winding	控制绕组(%) control winding									
JBK7-40	40	85	$6 \geq U_m > 5$ $12 \geq U_m > 10$	95%—105% UH	6或12 6 or12	1.1Um	AC220 AC380 ± 5% 110	} 控制 (127) control 110	The distribution of every winding capacity can de made according to user's demand						
JBK7-63	63														
JBK7-100	100														
JBK7-160	160	90					$6 \geq U_m > 5$ $12 \geq U_m > 10$	6或12 6 or12		1.1Um	AC220 ± 5%	} 照明 或 控制 light or control 24			
JBK7-250	250														
JBK7-400	400														
JBK7-630	630														
JBK7-800	800	94									$6 \geq U_m > 4.5$ $12 \geq U_m > 9$	6或12 6 or12	1.1Um	AC220 ± 5%	} 信 号 signal 12 6
JBK7-1000	1000														
JBK7-1600	1600														
JBK7-2500	2500														

认证 Certification CE RoHS

防护等级 IP CODE IP20

概述 Overview

DZD和JSZ直流电源是我公司最新研制开发的新颖紧凑型电源，具有结构紧凑、外形美观、纹波小、功耗低、容量大、防护等级较高等特点。适用于交流50Hz（或60Hz）、额定输入电压不超过500V、额定输出电压为DC24V的电路中，用作各行业多种设备一般电气控制的直流电源。

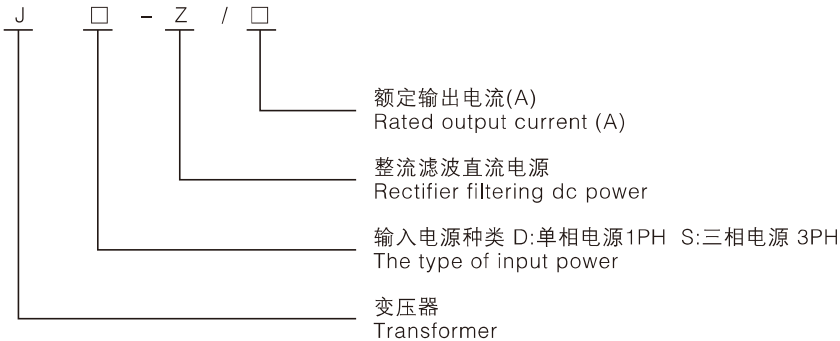
DZD and JSZ DC are new compact power supply developed by Leipold.It has features like compact construction,goodlooking,small ripple,low power consumption,big capacity and so on.Suitable for circuit with AC 50/60Hz,input voltage less than 500V and output voltage 20V.

特点 Features

- 产品符合 IEC 标准；
- 额定输入电压带有 ± 5% 抽头；
- 大电容滤波，波纹系数 < 5；
- 快速熔断保护；
- 变压器与整流电源一体化、结构紧凑、外形美观；
- 铁芯采用气体保护氩弧焊工艺、无气隙、无噪声、损耗小；
- 内装压敏电阻，进行过电压保护；
- 防护等级达 IP20，能有效达到触摸保护要求。

1. Comply with IEC standard and integrate transformer and rectify power.
2. Rated input voltage has ± 5% tapping,Iron core adopt air protection argon welding.
3. Swift fuse protection,protection grade up to IP20.

型号及其含义 Type and meaning



DZD

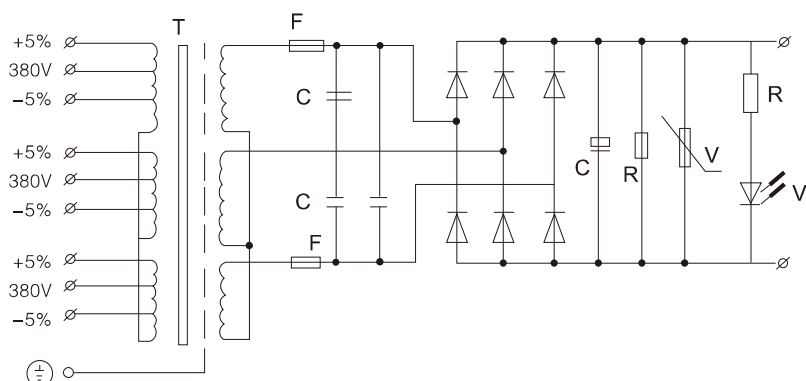
JSZ

技术数据 Technical data

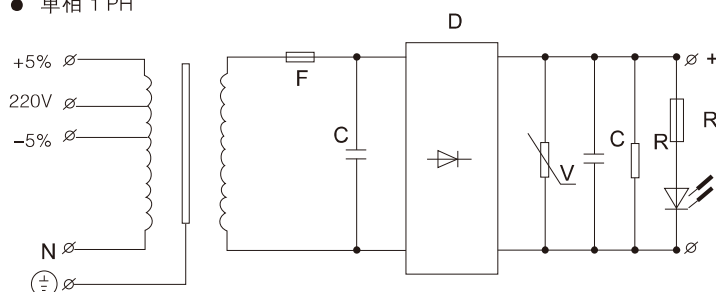
型号 Model	DZD	JSZ
额定输入电压 Rated input voltage	AC220V ± 5%,AC380V ± 5%	
额定输出电压 Rated output voltage	DC24V	
额定输出电流 Rated input current	2A,5A, 10A,20A	
负载输出电压 Rated load input voltage	95%Un≤Um≤105%Un	
效率 Efficiency	>75%	
纹波系数 Ripple coefficient	≤5%(JSZ型≤2%)	
工频耐压 frequencywithstand voltage	铁芯一输入间：AC2500V 1min / 铁芯一输出间：AC1000V 1min	
环境温度 Environment temperature	-5℃~+40℃	

电路图 Circuit diawing

● 三相 3 PH

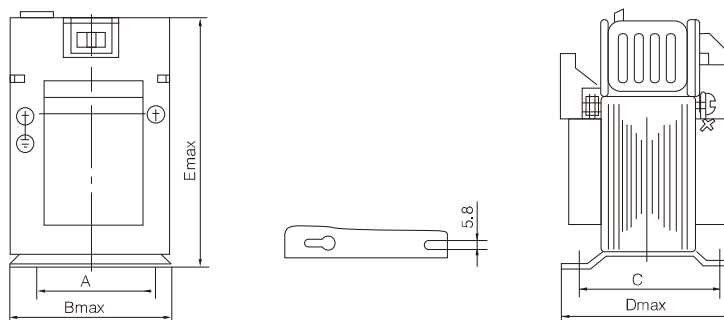


● 单相 1 PH

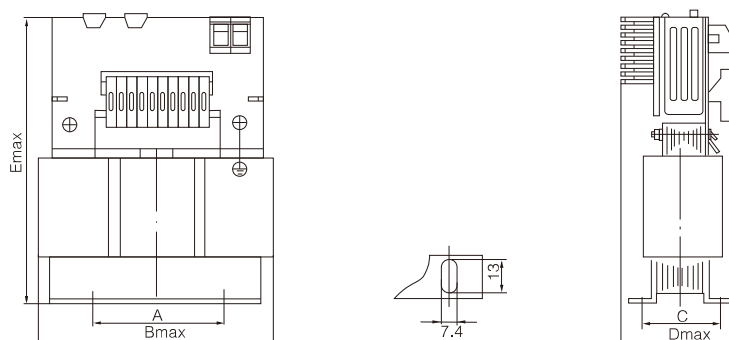


外形及安装尺寸 Appearance and installing size

DZD-2、5、10A

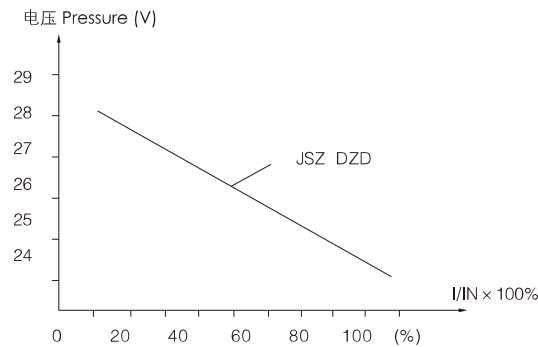


JSZ-20A

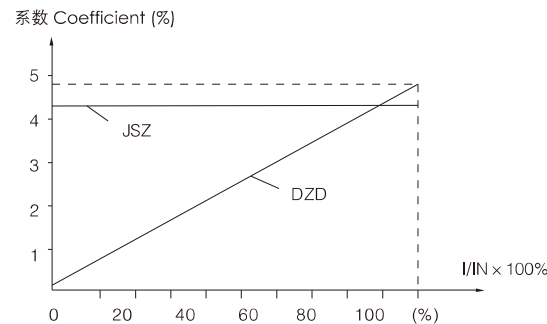


负载特性曲线、纹波系数及温升曲线
Under load characteristic curve,ripple factor,the radiator rising curve.

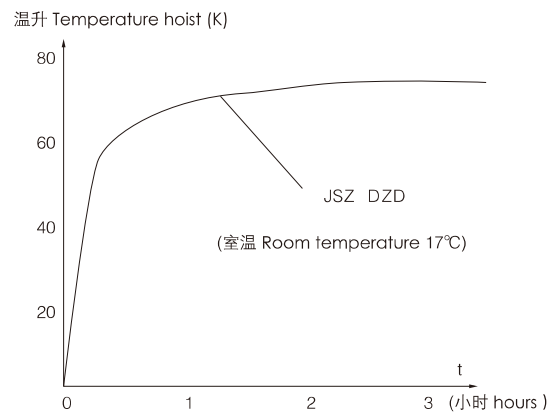
特性曲线 Characteristic curve



纹波系数 Ripple factor



散热器温升曲线 The radiator rising curve



技术数据 Technical data

型号 Model	DZD-2A	DZD-5A	DZD-10A	JSZ-20A
订货号 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