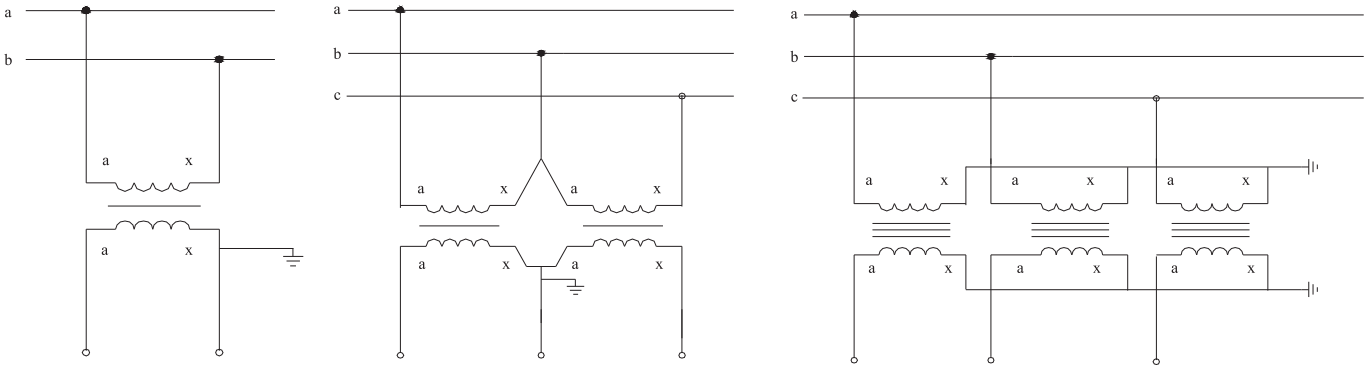
外形及安装尺寸图 Outline and installation dimension

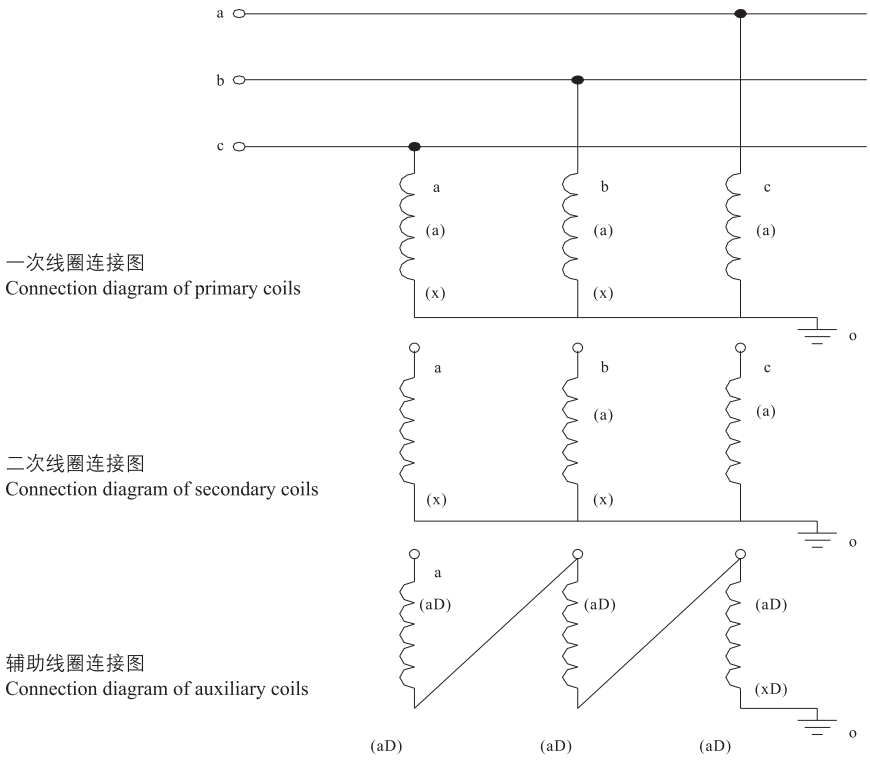


JDZ 单 相
JDZ Single-phase

二台JDZ接成V型
Two JDZ transformers connected into V shape

三台JDZ接成Y型
Three JDZ transformers connected into Y shape

图1、JDZ-3、6、10(Q)接线图 Diagram 1 JDZ -3,6,10(q) wiring diagram



一次线圈连接图
Connection diagram of primary coils

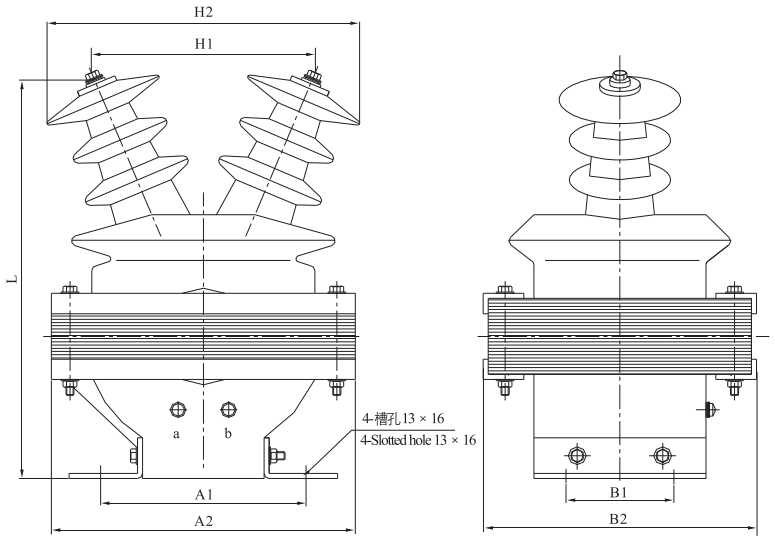
二次线圈连接图
Connection diagram of secondary coils

辅助线圈连接图
Connection diagram of auxiliary coils

图2、JDZJ-3、6、10(Q)接线图 Diagram 1 JDZJ -3,6,10(q) wiring diagram

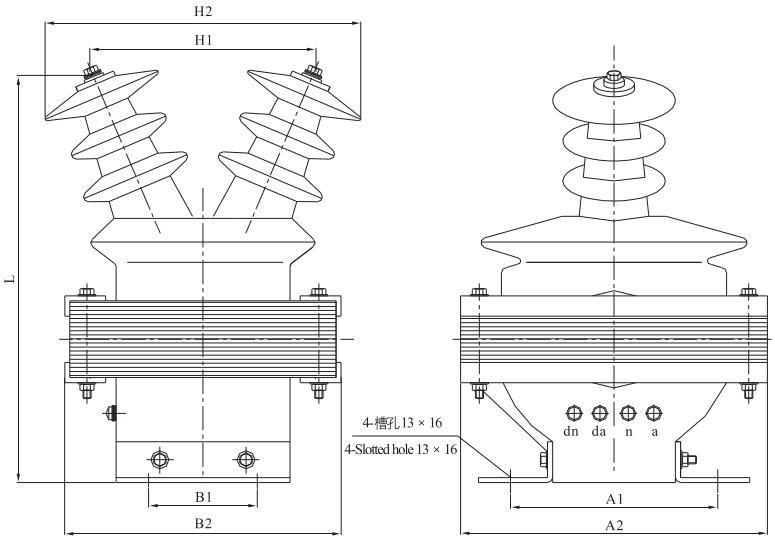
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外形及安装尺寸图 Outline and installation dimension



JDZ-3、6、10(Q)

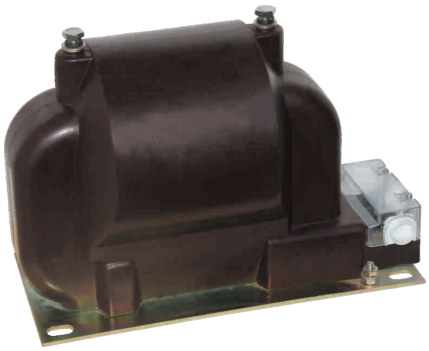
型号type	H1	H2	L	A1	A2	B1	B2
JDZ-10(Q)	180	250	305	170	236	90	207
JDZ-3、6(Q)	160	215	275	170	220		190



JDZJ-3、6、10(Q)

型号Type	H1	H2	L	B1	B2	A1	A2
JDZJ-10(Q)	180	250	305	90	207	170	238
JDZJ-3、6(Q)	160	215	275		190	170	220

JDZ8-3, 6, 10 电压互感器
JDZ8-3, 6, 10 Voltage transformer



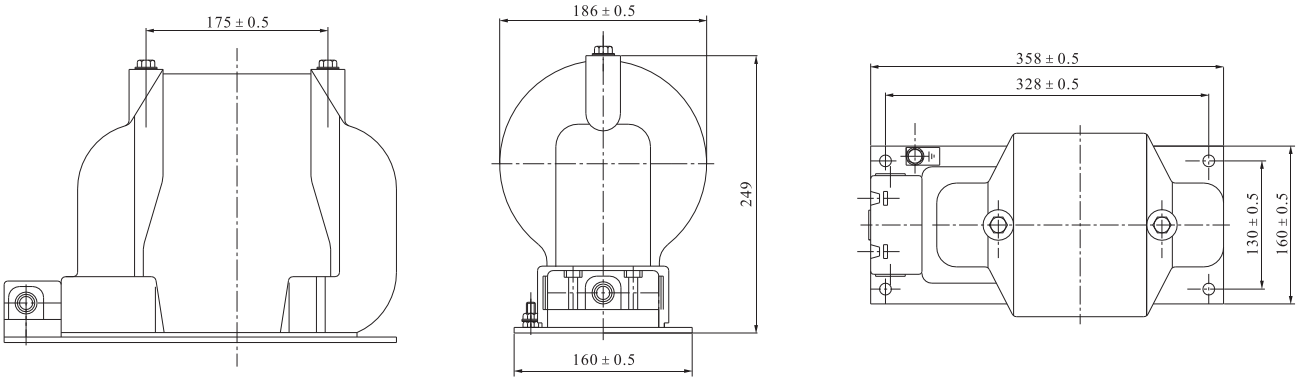
技术参数 Technical parameter

产品符合标准GB20840.3-2013 和IEC18
The voltage transformer is in accordance with GB20840.3-2013and IEC186 standards...

型号 Type	额定频率 Rated frequency (Hz)	电压比 Voltage Ratio (V)	准确级 Accuracy class	额定输出 Rated output (VA)	极限输出 ultimate output (VA)	额定绝缘水平 Rated insulation level (kA)
JDZ8-3	50	3000/100	0.2 0.5	40 80	600 ~1000	3.6/24/40
JDZ8-6	50	6000/100	0.2 0.5	40 80	600 ~1000	7.2/32/60
JDZ8-10	50	10000/100	0.2 0.5	40 80	600 ~1000	12/42/75

注：如用户要求的参数超出上表范围，可与我厂协商后确定。额定输出及其相应的准确仅符合其中一项。
Note: If user's data go beyoud the above-mentioned scope, they may be subjected to an agreement between manufacturer and purchaser.
Rated out put and its relative accuracy class are alternative.

外形及安装尺寸图 Outline and installation dimension



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JDZX8-3, 6, 10 电压互感器
JDZX8-3, 6, 10 Voltage transformer



技术参数 Technical parameter

产品符合标准GB20840.3-2013 和IEC18
The voltage transformer is in accordance with GB20840.3-2013and IEC186 standards...

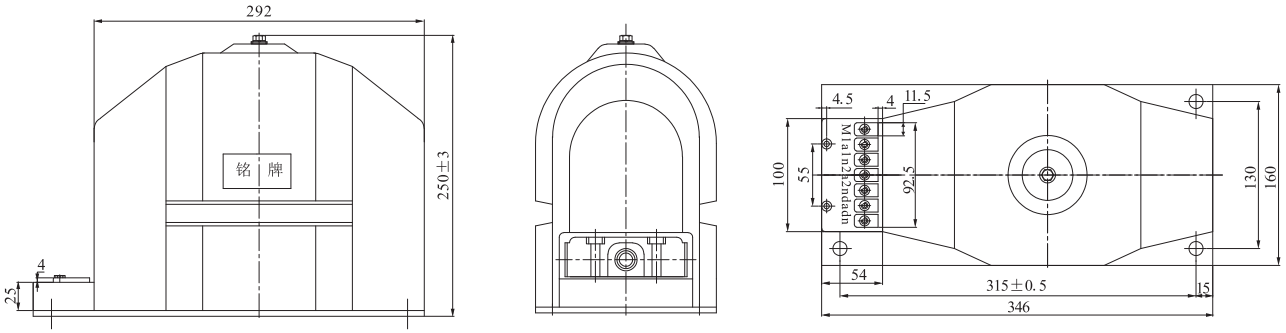
型号 Type	额定频率 Rated frequency (Hz)	电压比 Voltage Ratio (V)	准确级 Accuracy class	额定输出 rated output (VA)	极限输出 Ultimate output (VA)	额定绝缘水平 Rated insulation level (kA)
JDZX8-3	50	3000/√3/100/√3/100/3	0.2/6P 0.5/6P	30.100 50/100	500	3.6/24/40
JDZX8-6	50	6000/√3/100/√3/100/3	0.2/6P 0.5/6P	30/100 50/100	500	7.2/32/60
JDZX8-10	50	10000/√3/100/√3/100/3	0.2/6P 0.5/6P	30/100 50/100	500	12/42/75

注：如用户要求的参数超出上表范围，可与我厂协商后确定。额定输出及其相应的准确仅符合其中一项。

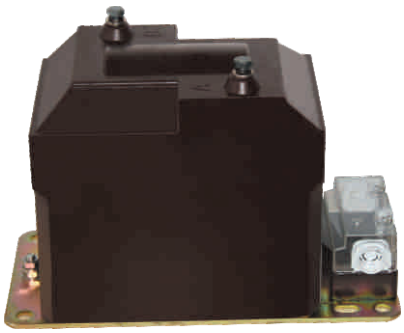
Note: lf user's gata go beyond the above-mentioned scope. they may be subjected to an agreement between manufacturer and purchaser.

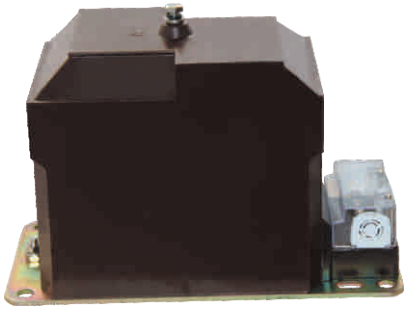
Rated put and its relative accuracy class are alternative.

外形及安装尺寸图 Outline and installation dimension



JDZ(X)(F)18-3, 6, 10 、JDZ(X)(F)10-3, 6, 10 等同于REL10 RZL10 系列电压互感器
JDZ(X)(F)18-3, 6, 10 、JDZ(X)(F)10-3, 6, 10 equal to REL10 RZL10 series voltage transformer





概述 Summary

本系列电压互感器为环氧树脂浇注绝缘全封闭产品，适用于额定频率50Hz或60Hz，额定电压3KV、6KV、10KV及以下的电力系统中，作电能计量、电压监测和继电保护用。本产品符合IEC60044及GB20840.3-2013《电压互感器》标准。

The voltage transform is the type of cast resin insulation and full enclosed, used for electric energy metering, voltage control and relay protection in the power systems of rated voltage 3KV, 6KV, and 10KV or below. The products are in accordance with IEC60044 and GB20840.3-2013 Voltage Transformer.

型号含义 Type designation

J D Z X F 18 - 3,6,10

- 电压等级 Voltage grade (kV)
- 设计序号 Design No.
- 测量与监控分开 Separation of measuring and monitoring
- 带剩余电压绕组 with residual voltage winding
- 浇注绝缘 casting insulation
- 单相 Single phase
- 电压互感器 Voltage transformer

技术参数 Technical parameter

1、技术参数表。

2、局部放电水平符合GB20840.3-2013《电压互感器》标准。

3、污秽等级：见图。

1、Technical data form.

2、Partial dischanage is in line with GB20840.3-2013 voltage transformer.

3、Anti-pollution class: see fig.

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技术参数 Technical parameter

型号 Model	额定电压比(V) Rated voltage ratio	额定输出(VA) Rated output				极限输出(VA) Ultimate output	额定绝缘水平(KV) Rated insulation level
		0.2	0.5	1	6P		
JDZ18-3 RZL10	3000/100	15	30	60		500	3.6/25/40
JDZ18-6 RZL10	6000/100						7.2/32/60
JDZ18-10 RZL10	10000/100						12/42/75
JDZF18-3	3000/100/100	10	10	30		2 × 250	3.6/25/40
JDZF18-6	6000/100/100						7.2/32/60
JDZF18-10	10000/100/100						12/42/75
JDZX18-3 REL10	3000/√3/100/√3/100/3	15	30		100	200	3.6/25/40
JDZX18-6 REL10	6000/√3/100/√3/100/3						7.2/32/60
JDZX18-10 REL10	10000/√3/100/√3/100/3						12/42/75
JDZXF18-3	3000/√3/100/√3/100/√3/100/3	10	10		60	200	3.6/25/40
JDZXF18-6	6000/√3/100/√3/100/√3/100/3						7.2/32/60
JDZXF18-10	10000/√3/100/√3/100/√3/100/3						12/42/75

外形及安装尺寸图 Outline and installation dimension

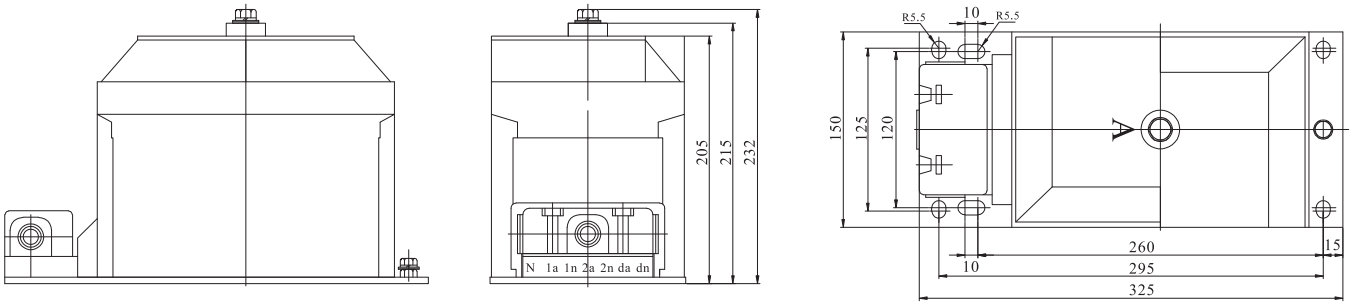


图2 JDZ10-6、10(RZL)外形及安装尺寸图 Chart 2 Outline and installation size of JDZ10-6,10(RZL)

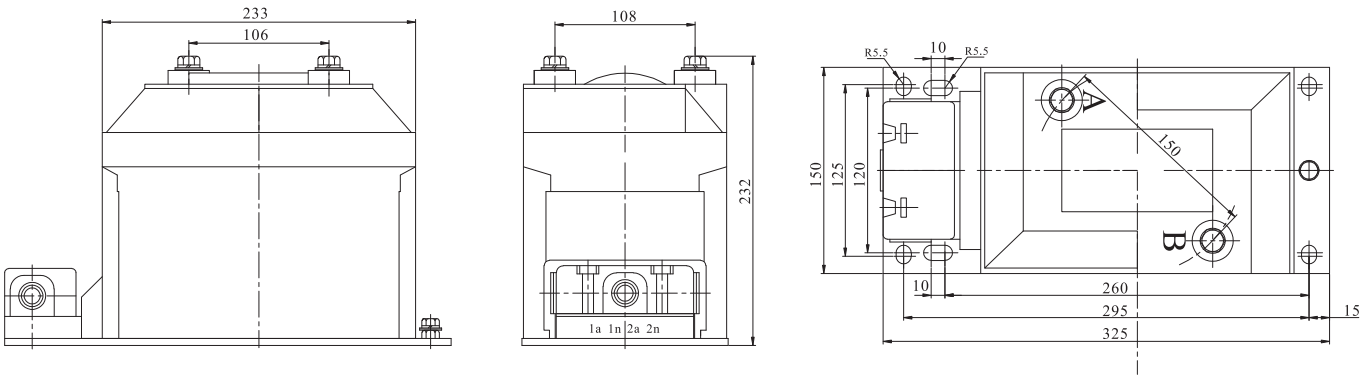


图3 JDZX10-6、10(REL10)外形及安装尺寸图 Chart 3 Outline and installation size of JDZX10-6,10(REL10)

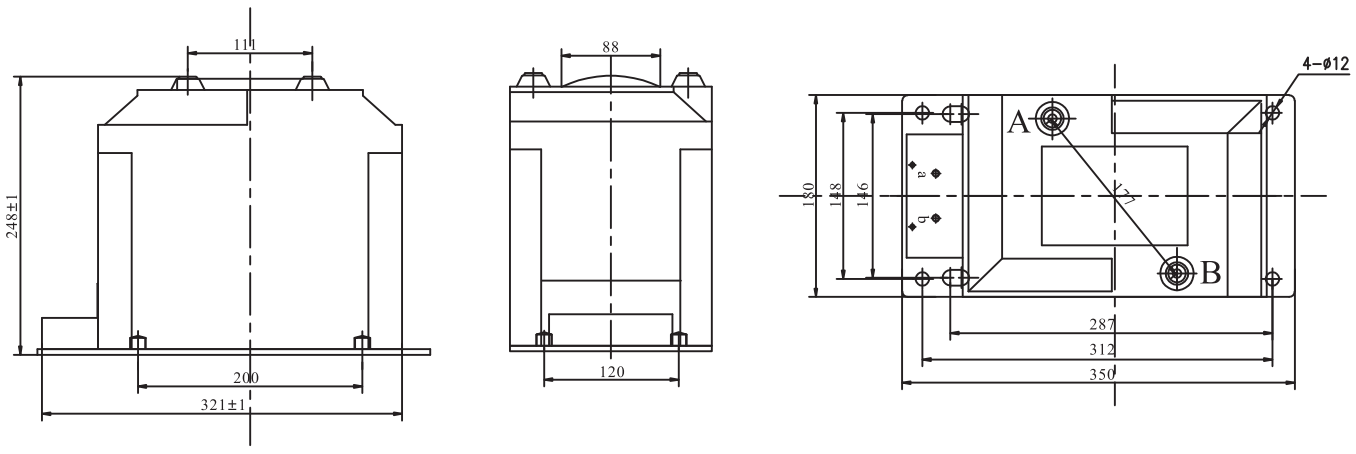


图1 JDZ(F)18-3、6、10B外形及安装尺寸图 Chart 1 Outline and installation size of JDZ(F)18-6,10B

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动热稳定技术参数 (Dynamic thermal stability technical parameters)

额定一次电流 Rated prinmary current (A)	准备级组合 Accuracy classes combination	额定输出 Rated output(VA)				额定短时热电流(Ith) short-time thermal current(kA)	额定动稳定电流(Idyn) Rated dynamic current(kA)
		0.2S、0.2	0.5S、0.5	10P10	10P15		
30-150	0.2S/0.5S/10P 0.2S/0.5/10P 0.5S/0.5/10P	10	10	15	15	200IIn	500IIn
150-200						31.5	80
200-300						45	112.5
300-400						63	130
600-800			15	20	15	80	160
1000-1250							
1500-2000		15	20	30	20	100	160

注：(1)若用户有要求时，测量级可为0.2S、0.5S。

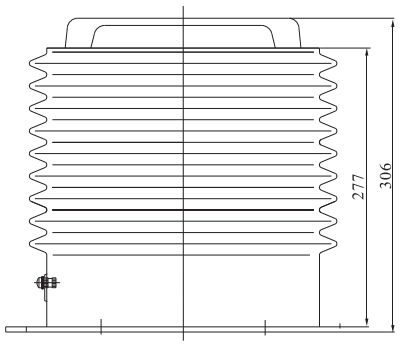
If being request,the measuring class can reach to 0.2S or 0.5S class.

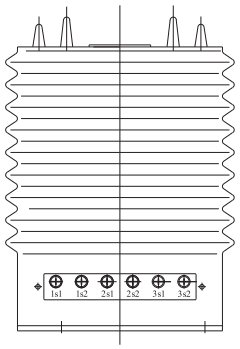
(2)可为单测量绕组或单保护绕组复变比电流互感器，如单测量绕组：100-150-200/5A，0.2级lOVA，Ith=31.5kA。

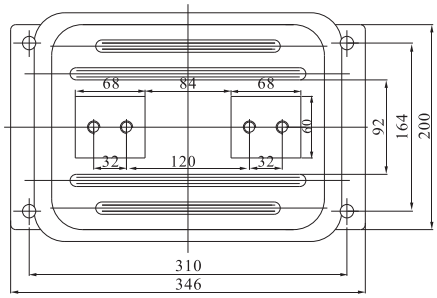
单保护绕组：100-150-200/5A 5P15 l0VA Ith=31.5kA。

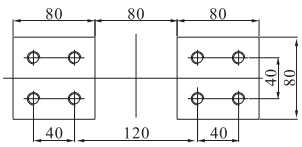
We can make multi-trans formation-ratio current transformatian of single measuring winding or single protivc winding, such as single measuring winding:100-150-200/5A 0.2 class lOVA, Ith=31.5kA.

single protective class:100-150-200/5A, 5P15 class,10VA, Ith=31.5kA.









1200-2000/5A

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LZZBJ9-20 电流互感器
LZZBJ9-20 Current transformer



概述 Summary

本型电流互感器为环氧树脂浇注全封闭产品，适用于额定频率50Hz或60Hz、额定电压20kV及以下的电力系统中，作电能计量、电流测量和继电保护用。本产品符合IEC44-1及GB20840.1-2010、GB20840.2-2014《电流互感器》标准。

The current transformer is casting resin and fully enclosed product.It is used formetering electric energy and current, relay protection in therelay protection in the electrical system of rated frequtncy 50Hz or 60Hz and ratedvoltagt 20kV. The transformers be executed acc ording to thestandards IEC44-1 and GB20840.1-2010,GB20840.2-2014 Current Transformer.

型号含义 Type designation

L Z Z B J 9 - 20

- 额定电压(kV) Rated voltoge
- 设计序号 Design No.
- 加大容量 Increased capability
- 带保护级 With protection grade
- 支柱式 Post type
- 浇注绝缘 Cast-resin insulated
- 电流互感器 Current transformer

结构简介 Structural introduction

本型电流互感器为全封闭支柱式结构，产品体积小，重量轻，底部有4-M10安装孔。

This type of current transformeris fully enclosed and post type, It is small and light,There are four fixing hole of 4-M10 on the bottom.

技术参数 Technical parameter

1、额定绝缘水平Rated insulated level)：24/65/125kV

2、额定二次电流Rated secondary current: 5A，1A

3、额定一次电流、准确级组合、额定输出及动、热稳定电流。

Rated primary current, accuracy combination, rated output, dynamic and thermal stability current.

4、局部放电水平符合GB20840.1-2010及GB20840.2-2014《电流互感器》标准。

The conditions of the partial discharge test according to GB20840.1-2010&GB20840.2-2014 Current transformer will be fulfilled without exception.

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动热稳定技术参数(Dynamic thermal stability technical parameters)

额定一次电流 Rated prinmary current (A)	准备级组合 Accuracy classes combination	额定输出 Rated output(VA)				额定短时热电流(Ith) short-time thermal current(kA)	额定动稳定电流(Idyn) Rated dynamic current(kA)
		0.2S、0.2	0.5S、0.5	10P10	10P15		
30-150	0.2S/0.5S/10P 0.2S/0.5/10P 0.5S/0.5/10P	10	10	15	15	200IIn	500IIn
150-200						31.5	80
200-300						45	112.5
300-400						63	130
600-800			15	20	15	80	160
1000-1250							
1500-2000		15	20	30	20	100	160

注：(1)若用户有要求时，测量级可为0.2S、0.5S。

If being request,the measuring class can reach to 0.2S or 0.5S class.

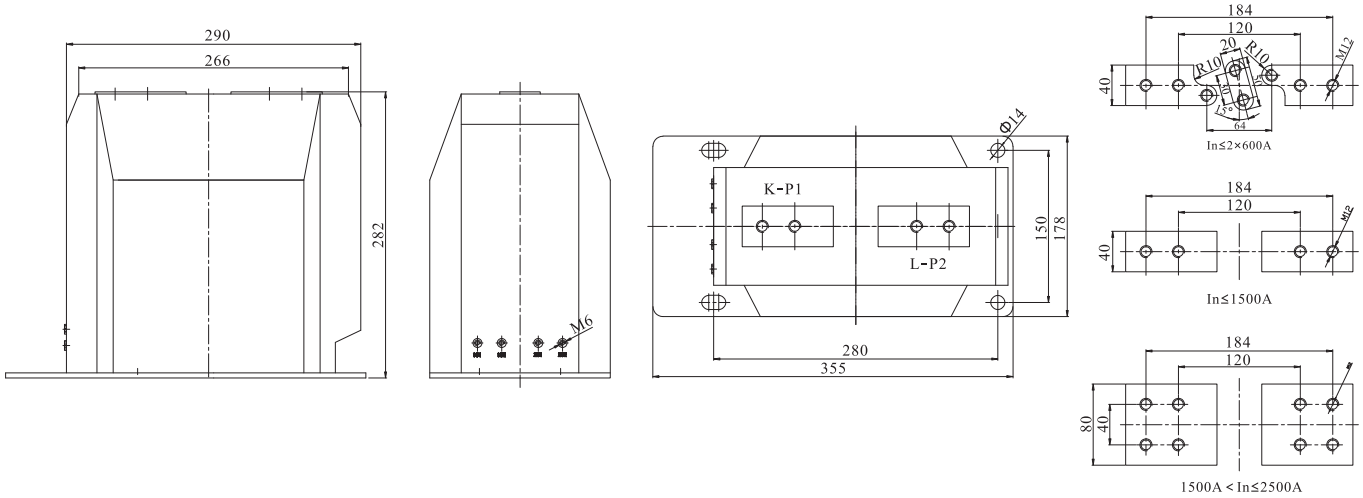
(2)可为单测量绕组或单保护绕组复变比电流互感器，如单测量绕组：100-150-200/5A，0.2级lOVA，Ith=31.5kA。

单保护绕组：100-150-200/5A 5P15 l0VA Ith=31.5kA。

We can make multi-trans formation-ratio current transformatian of single measuring winding or single protivc winding, such as single measuring winding:100-150-200/5A 0.2 class lOVA, Ith=31.5kA.

single protective class:100-150-200/5A, 5P15 class,10VA, Ith=31.5kA.

外形及安装尺寸 Outline and installation dimension



LCZ(LCZBJ)-35 全封闭支柱式电流互感器
LCZ(LCZBJ)-35 Full-enclosed post-type current transformer



概述 Summary

本型电流互感器为环氧树脂浇注全封闭支柱式结构。适用于额定电压为35kV及以下，额定频率为50Hz或60Hz的户内电力系统中作电流、电能计量和继电保护使用。本产品的特点为动热稳定参数高，二次输出容量大，绝缘性稳定、耐污秽等。可完全取代LCZ-35Q、LZZ-35Q等老式同类产品。

This current transformer is of epoxy resin casting full-enclosed post type. It's used for current power measurement and relay protection in indoor power system with rated voltage 35kV and below, rated frequency 50Hz or 60Hz. The characteristics of this product is super dynamic and thermal stability, large capacity of secondary output, stable insulated property, dirt-proof etc, can completely substitute these old-type similar products such as LCZ-35Q, LZZ-35Q etc.

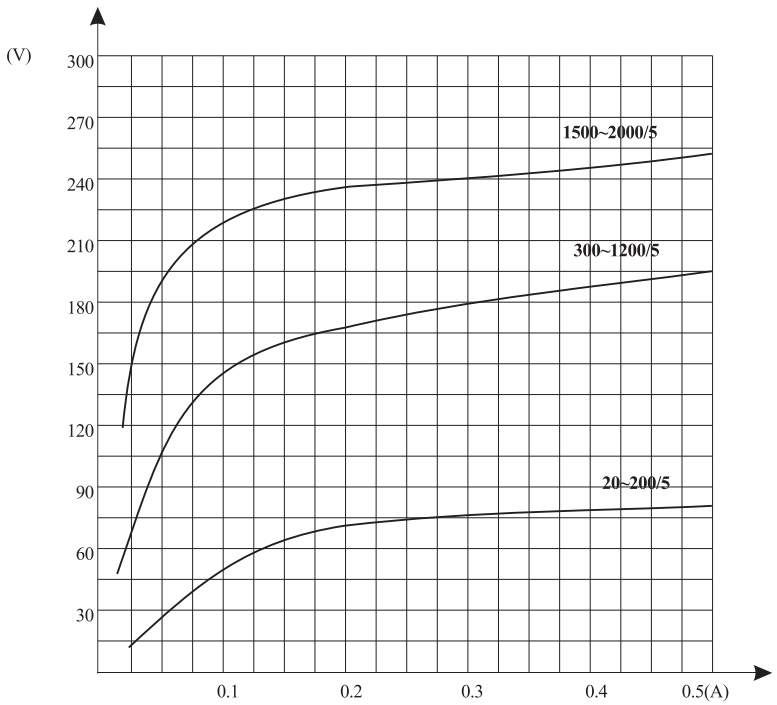
技术参数 Technical parameter

1. 额定绝缘水平: 40.5/85/185kV
2. 负荷功率因数 : cosϕ=0.8(滞后Lag)
3. 额定二次电流 : 5A(或2A、1A)
4. 表面爬电距离 : 1100mm
5. 局部放电符合GB20840.2-2014《电流互感器》，测试电压为28kV时，所测局部放电量不大于20PC
6. 额定一次电流，准确级组合及相应的二次输出、动热稳定电流等见表。
7. 如有要求，计量绕组精度可达到0.2S或0.5S级。
8. 重量: 95kg

1. Rated insulation level: 40.5/85/185kV
2. Power dependent variable of load: cosϕ=0.8(lagging)
3. Rated secondary current: 5A(or 2A,1A)
4. Surface creepage distance: 1100mm
5. Partial discharge level accords with GB20840.2-2014 Current transformer, when test voltage is 28kV, partial discharge is no more than 20PC.
6. Rated primary current, accuracy class combination and rated output, dynamic current, etc, are shown in table.
7. The metering winding class can be chosen from 0.2S or 0.5S, if requirement.
8. Weight: 95kg

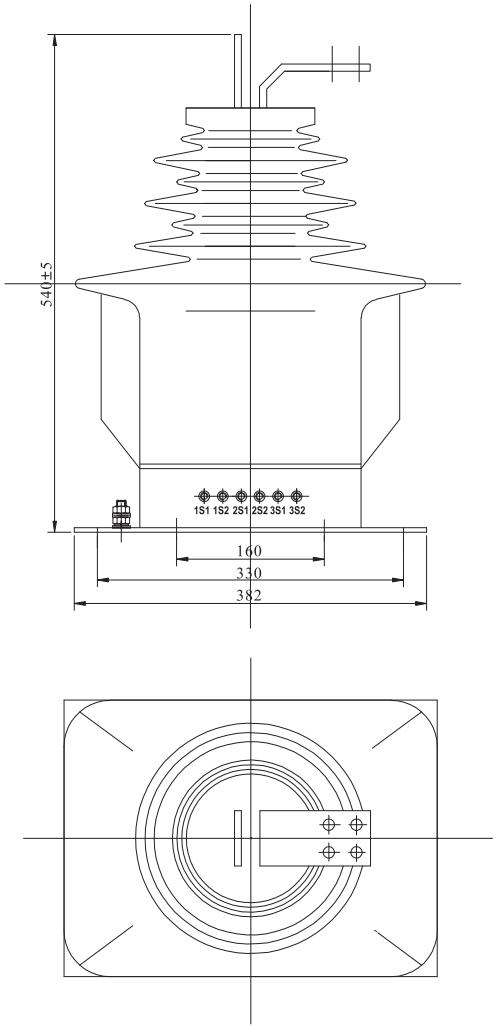
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SANAI transformer 三爱互感器

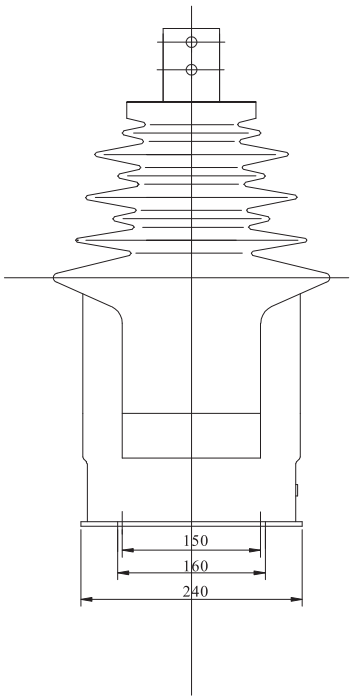
额定一次电流 Rated primary current(A)	准确级 Accuracy class 1S/2S	额定二次输出 Rated secondary output(VA)				4秒热稳定电流 (kA有效值) 4S thermo stability current (kA virtual value)	动稳定电流 (kA峰值) Dynamic stability current(kA peak)
		0.2 S、0.2	0.5S、0.5	10P10	10P15		
15	0.2S/10P 0.5S/10P 或 0.2/10P 0.5/10P 0.2/0.5	20	40	30	20	3.15	7.8
20						4.5	11
30						6.3	15
40						9	22.5
50						12.5	3.5
75						16	37.5
100						25	62.5
150						31.5	78
200							
300		30	50	60	50		
400		50					
500							
600							
800						45	100
1000						55	
1200						63	130
1500						72	
2000						80	

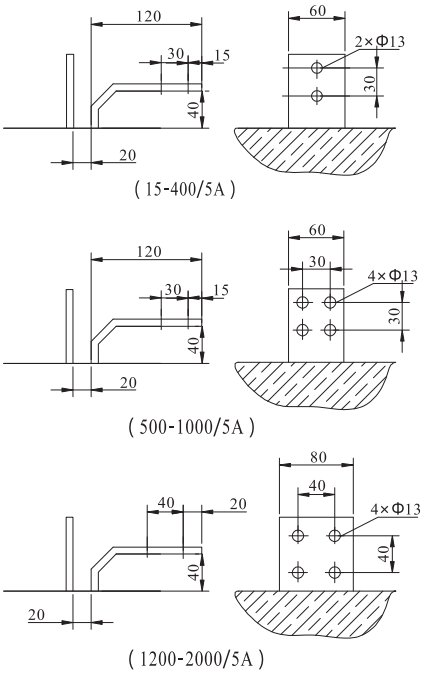


10P级伏安曲线 10P voltage-current curve

外形及安装尺寸图 Outline and installation dimension







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LONG YOU transformer 三友互感器　SANAI transformer 三爱互感器

LZZB8-35 电流互感器
LZZB8-35 Current transformer



概述 Summary

本系列电流互感器为环氧树脂浇注全封闭产品，适用于额定频率50Hz或60Hz、额定电压35kV及以下的电力系统中，作电能计量、电流测量和继电保护护用。本产品符合IEC44-1及GB20840.2-2014《电流互感器》标准。

The current transformers of the types LZZB8-35 are casting resins and fully enclosed. It is used for metering electric energy and current,relay protection in the electrical system up to rated frequency 50Hz or 60Hz and rated voltage 35kV. The transformers can be executed according to the standards IEC44-1 and GB20840.2-2014.

型号含义 Type designation

L Z Z B 8 - 35 A G

- G 改进设计 Improvement design
- A 结构代号 The construction code name
- 35 电压等级 kV Voltage grade
- 8 设计序号 Design sequence
- B 带保护级 With protection
- Z 浇注绝缘 Casting resin insulation
- Z 支柱式 Post type
- L 电流互感器 Current transformer

结构简介 Structural introduction

本系列电流互感器为全封闭支柱式结构，耐污染及潮湿，尺寸小，重量轻，适用于任何位置、任意方向安装。单变比一次绕组为固定式；双变比一次绕组采用串、并联，改变一次接线方式，可得到两种电流比。见图示，串联时为100/5A，并联时为200/5A。LZZB-35AG、LZZB8-35AG适用于宽度为1.2米的中置柜。

This current transformer is fully enclosed and posts type product. It has a good ability of antipollu-tion and moisture prllf. It is small and light. It can be mounted in any position you like.The primary winging of double ratio one is series and parallea.See rig,when serie,it is 100/5A;when parallel,it is 200/5A. The types of LZZB8-35AG and LZZB8-35AG are use in the medium-put switch cabinet of the width 1.2m.

技术参数 Technical parameter

1、额定绝缘水平Rated insulated level)：40.5/95/185kV

2、额定二次电流Rated secondary current: 5A，1A

3、额定一次电流、准确级组合、额定输出及动、热稳定电流见表1、表2。
Rated primary current, accuracy combination, rated output, dynamic and thermal stability current Table 1, Table 2.

4、局部放电水平符合GB20840.2-2014《电流互感器》标准。
Partial discharge levels consistent GB20840.2-2014 "current transformer".

5、污秽等级：Ⅱ级。Contamination Level: Ⅱ class.

表1

型号 Type	额定一次电流 Rated primary current(A)	准确级组合 Accuracy classes combination	额定输出 Rated output (VA)	短时热电流(Ith) Short-time thermal current (kA/s)	额定动稳定电流 Rated dynamic current(kA)
LZZB8-35 LZZB8-35G 单变比 (Single ratio)	20	0.2/5P10	20/50	6/1	15
	30,40	0.5/5P10	30/50	7/1	17.5
	50	0.2/5P20	20/25	12/1	30
	75	0.5/5P20	30/25	16/1	40
	100	0.2/0.5/5P10	20/30/30	25/1	63
	150,200	0.2/0.5/5P20	20/30/15	31.5/1	80
	300,400	0.2/5P10/5P20	20/30/15	35.2/2	
	600	0.5/5P10/5P20	30/30/15	31.5/3	
	750	0.5/10P10/10P10/10P10	20/20/30/30	31.5/4	80
	800	0.2/0.5/10P10/10P10/10P10	15/20/30/30		
	1000	0.2/10P10/10P10/10P10	15/20/30/30		
	1250	0.2/5P10	30/50		
	1500	0.5/5P10	50/50		
	2000	0.2/5P20	30/25		
	2500	0.5/5P20	50/25		
	3000	0.2/0.5/5P10	30/30/30	31.5/4	130
	3150	0.2/0.5/5P20	30/30/15		
LZZB8-35A LZZB8-35AG 单变比 (Single ratio)	20	0.2/5P10	30/30/15		
	30,40	0.5/5P10	30/30/15		
	50	0.2/5P20	30/30/15		
	75	0.5/5P20	20/50	6/1	15
	100	0.2/0.5/5P10	30/50	7/1	17.5
	150,200	0.2/0.5/5P20	20/25	12/1	30
	300,400	0.2/5P10/5P20	30/25	16/1	40
	600	0.5/5P10/5P20	20/30/30	25/1	63
	750		20/30/15	31.5/1	80
	800	0.2/5P10	20/30/15	31.5/2	
	1000	0.5/5P10	30/30/15	31.5/3	
	1250	0.2/5P20	30/50	31.5/4	80
	1500	0.5/5P20	50/50		
	2000	0.2/0.5/5P10	30/25		
	2500	0.2/0.5/5P20	50/25		
	3000	0.2/5P10/5P20	30/30/30	31.5/4	130
	3150	0.5/5P10/5P20	30/30/15		

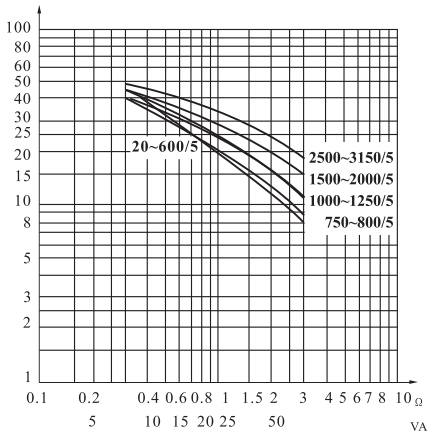
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LONG YOU transformer 三友互感器 SANAI transformer 三爱互感器

表2

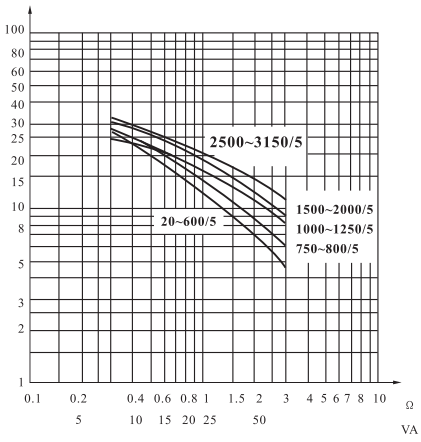
型号 Type	额定一次电流 Rated Primary Current (A)	准确级组合 Accuracy classes combination	额定输出 Rated output (VA)	额定短时热电流 (Ith) Rated short-time thermal current (kA)	额定动稳定电流 (Idyn) Rated dynamiccurrent (kA)
LZZB8-35 LZZB8-35G 双变比 (Double ratio)	2×20	0.2/5P10 0.5/5P10 0.2/5P20 0.2/5P20 0.2/0.5/5P10 0.2/0.5/5P20 0.2/5P10/5P20 0.5/5P/5P20	20/50 30/50 20/25 20/30/30 20/30/15 20/30/15 30/30/15	3-6	7.5-15
	20×30~2×50			6-12	15-30
	2×75				
	2×100			11-22	27.5-55
	2×150			14-28	35-70
	2×200			22.5-45	56-112
	2×300			32-64	80-160
	2×400				
	2×600			32-64	80-160
	2×750				

注：若用户有要求，测量级可为0.2S、0.5S级。(If being request,the measuring class can reach to 0.2S or 0.5S class.)

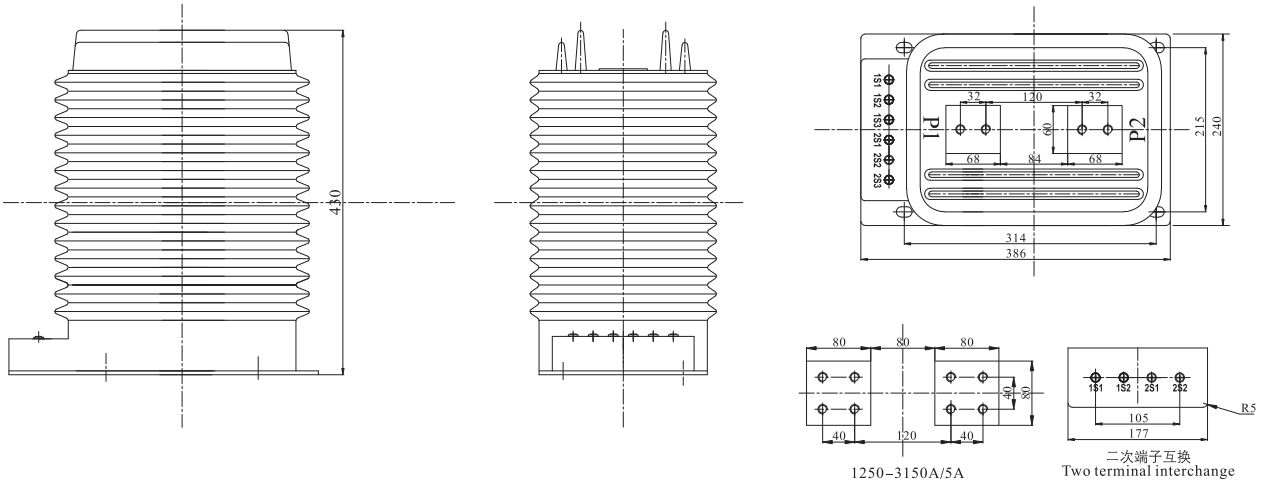
6、保护级准确限值系数与二次负荷关系曲线见图（The relation curve between protection class ac-curacy limit factor and secondary output see fig):



LZZB-35 5P 二级次(Two secondary windings)
准确限值系数与二次负荷关系曲线
The relation curve between accuracy limit factor and secondary load

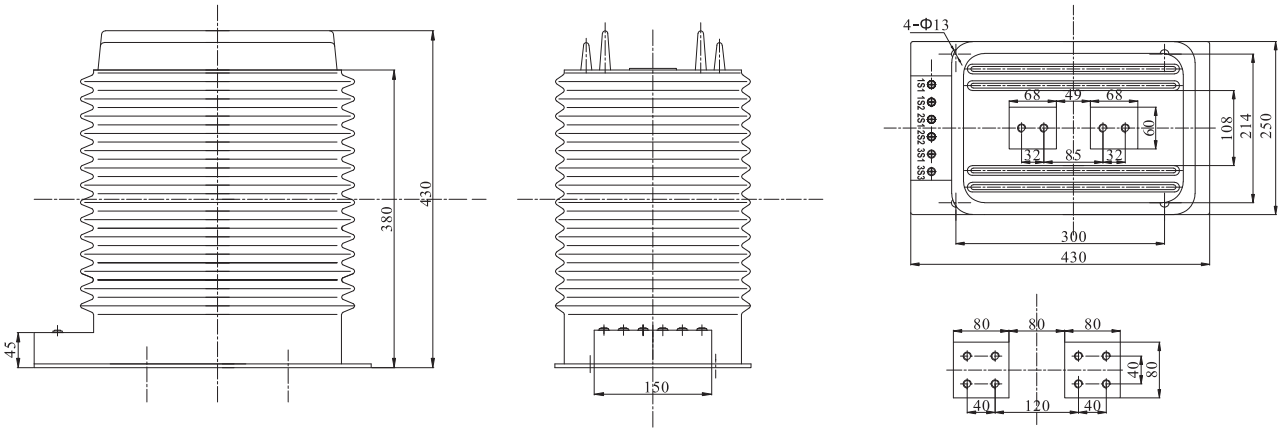


LZZB-35 5P 三极次、四级次(Three、four secondary windings)
准确限值系数与二次负荷关系曲线
The relation curve between accuracy limit factor and secondary load

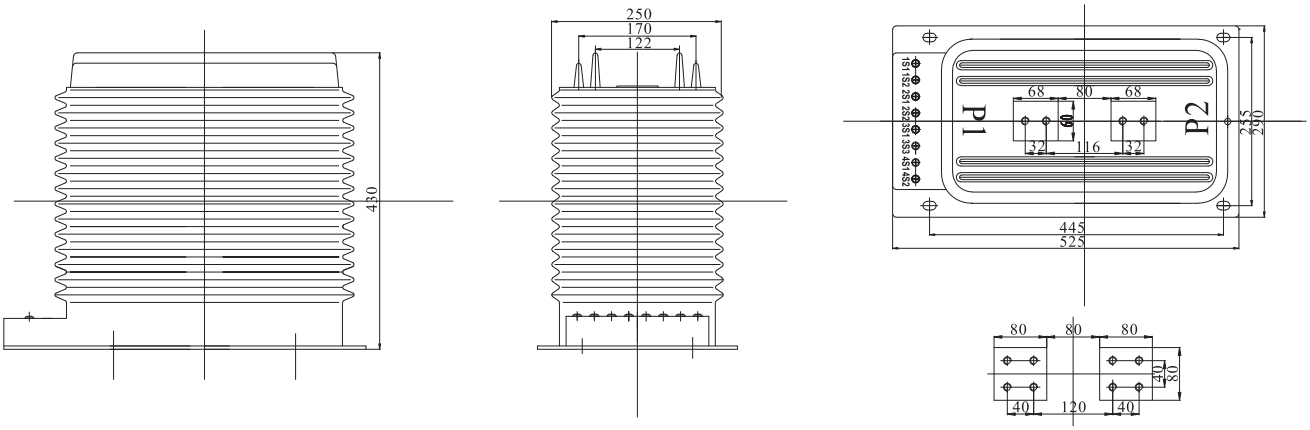


二绕组 Secondary winging

外形及安装尺寸图 Outline and installation dimension



三绕组 Third winding



四绕组 Fourth winding

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LONG YOU transformer 三友互感器　　SANAI transformer 三爱互感器

LZZW-6,10 户外电流互感器
LZZW-6,10 Outdoor current transformer



概述 Summary

LZZW-6、10是用进口户外环氧树脂浇注绝缘全封闭的户外支柱式高动热稳定、高精度、防污、高原、阻燃型电流互感器、供电力系统作电流、电能测量及继电保护之用。

LZZW-6，10 full-seal outdoor pole type adopts the imported outdoor epoxy casting insulation, has high dynamic heat stability, high precision, anti-fouling and fire-retardant property used for current and power measuring and relay protection in electric system of highland.

型号含义 Type designation

L Z Z W - 6,10

- 额定电压Rated voltage (kv)
- 防污秽 Anti-dirtiness
- 固体“注”封绝缘 Solid 'cast sealing insulation
- 支柱式 Pole type
- 电流互感器 Current transformer

技术参数 Technical parameter

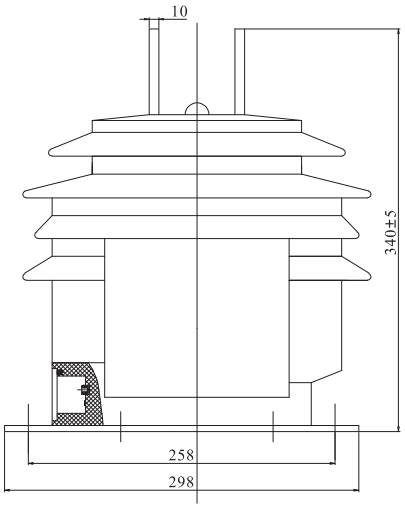
1、产品性能符合IEC标准和GB20840.2-2014《电流互感器》
2、额定绝缘水平：12/42/75kv
3、负荷功率因数：COSφ=0.8(滞后)
4、额定频率：50Hz
5、额定二次电流：5A(2A、1A)
6、可做成各种复变比结构
7、其主要技术参数见表1

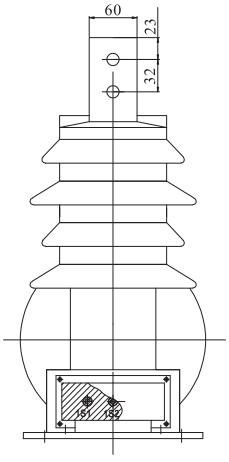
1.Product function accord with IEC standards and GB20840.2-2014《Current transformer》.
2.Rated Insulating Level: 12/42/75kv
3.Load Power Factor: : COSφ=0.8(lagging)
4.Rated Frequency: 50Hz
5.Rated Secondary Current :5A(2A、1A)
6.Can be made into different kinds of complex transformation ratio structures
7.Its main technical parameters refer to Table1

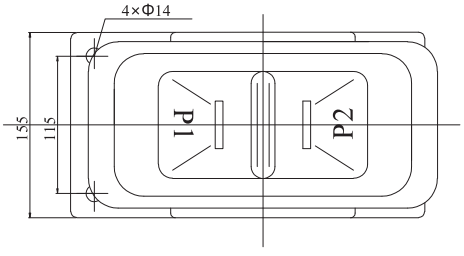
主要技术参数 Main Technical parameter

额定一次电流 Rated Primary Current (A)	准确级组合 Accurate Grade Combination	额定二次输出 Rated Secondary Output (VA)					额定短时热电流(KA有效值) Rated Short-time thermal-current (KA virtual value)	额定动稳定电流(KA有效值) Rated Dynamic stability Current (KA virtual value)
		0.2	0.2 S	0.5S	0.5	10P(15)		
20-40; 40	0.2S/0.2/10P 0.2/或10P 或 0.5/10P 0.5S/0.5/10P		10	10	15	15	6.3	15
30-60; 60							9	22.5
40-75; 75							15	37.5
50-100; 100							18	45
75-150; 150							25	55
100-200; 200							50	110
150-300; 300							60	130
200-400; 400								
300-600; 600								
400-800; 800								
500-1000; 1000							80	100
1200-1500								
2000								

外形及安装尺寸图 Outline and installation dimension



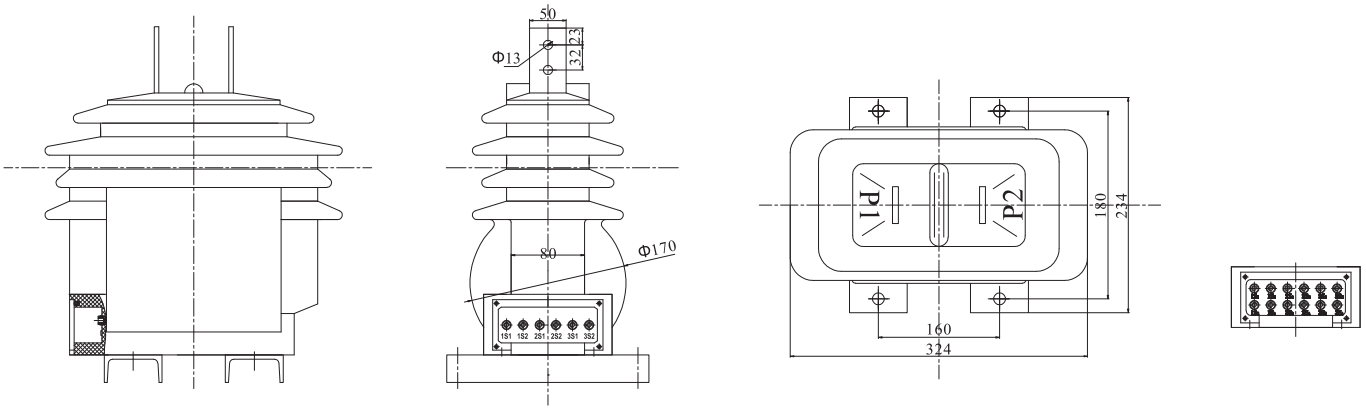




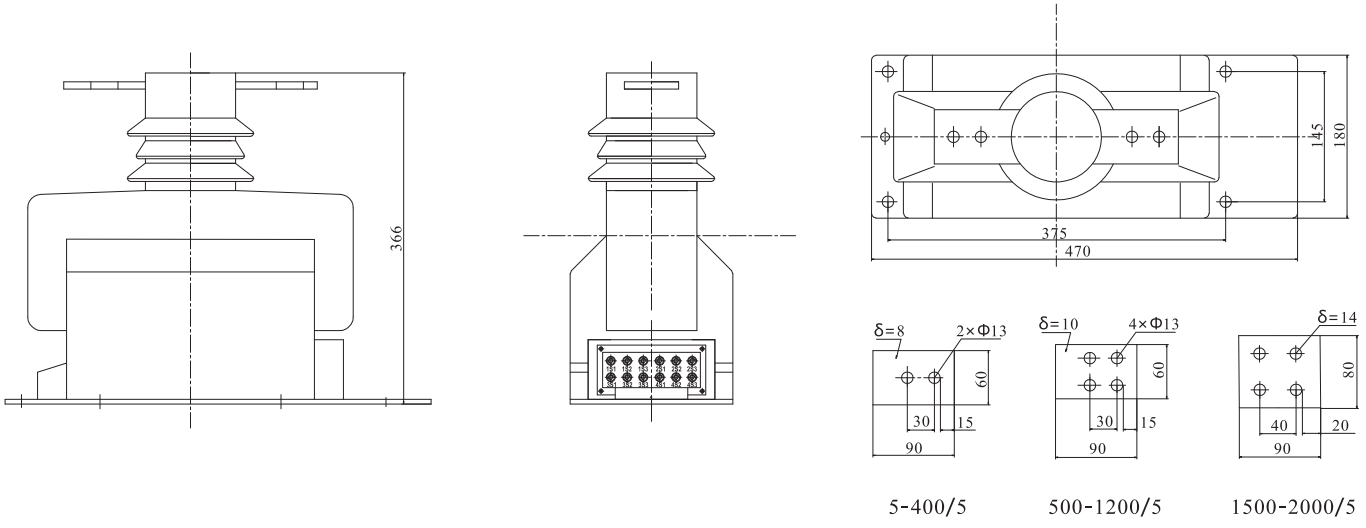
二绕组 Secondary winging

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LONG YOU transformer 三友互感器
SANAI transformer 三爱互感器

外形及安装尺寸图 Outline and installation dimension



三绕组 Third winding



5-400/5　　500-1200/5　　1500-2000/5

四绕组 Fourth winding

LQZBJ-6, 10GYW1 户外电流互感器
LQZBJ-6, 10GYW1 Outdoor current transformer



概述 Summary

LQZBJ-6、10GYW1是用进口户外浇注绝缘的全封闭户外支柱式，结构具有高动热稳定、高精度、防污、高原、阻燃型电流互感器，本产品铁心是由硅钢片半圆叠制而成，具有精度高，即0.2S级，动热稳定性能好，一台产品可以做四个变比，如25、50、75、150/5供电力系统作电流、电能测量及继电保护之用。

LQZBJ-6,10GYW1 full-seal outdoor pole type adopts the imported outdoor casting insulation, has these features of high movable heat stability, high precision, dirt-proof, tableland suitable and flammable resistant, The iron core of this product is made by folding half-round silicon-steel sheets, which has high precision of grade 0.2S and good dynamic thermal stability. One product may have four transformation ratios, like 25, 50,、75, 150/5 used for current and power measuring and relay protection in electric system.

型号含义 Type designation

L Q Z B J - 10 GY W1

- W1 — I级防污 Grade-I anti-dirtiness
- GY — 高原型 Highland type
- 10 — 额定电压 Rated voltage (kV)
- J — 加大容量 Oversize capacity
- B — 带保护级 With protection grade
- Z — 固体“注”封绝缘 Solid 'cast sealing insulation
- Q — 支柱式 Pole type
- L — 电流互感器 Current transformer

技术参数 Technical parameter

1、产品性能符合IEC标准和GB20840.2-2014《电流互感器》
2、额定绝缘水平：12/42/75kV
3、负荷功率因数：COSϕ=0.8(滞后)
4、额定频率：50Hz
5、额定二次电流：5A(2A、1A)
6、可做成各种复变比结构

1.Product function accord with IEC standards and GB20840.2-2014. current Transformer
2.Rated Insulating Level: 12/42/75kV
3.Load Power Factor: COSϕ=0.8(lagging)
4.50Hz Rated Frequency: 50Hz
5.5A(2A、1A) Rated Secondary Current
6.Can be made into different kinds of complex transformation ratio structures

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LONG YOU transformer 三友互感器
SANAI transformer 三爱互感器

主要技术参数 Main Technical parameter

额定一次电流(A) Rated primary current(A)	准确级组合 Accurate grade combination	额定二次输出(VA) Rated secondary output			额定短时热电流(KA有效值) Rated short-time thermal-current (KA virtual value)	额定动稳定电流(KA峰值) Rated dynamic stability current (KA peak value)
		0.2S 0.2	0.5S 0.5	10P(15)		
20	0.2S/10P 0.2/10P 0.5S/10P 0.5/10P	10	10	15	5	12
30、40					7.5	20
50、60					10	25
75					15	40
100、150、160					20	50
200					20	55
300、315、400、500					20	55
600、630、750、800					32	80
1000					40	100

外形及安装尺寸图 Outline and installation dimension

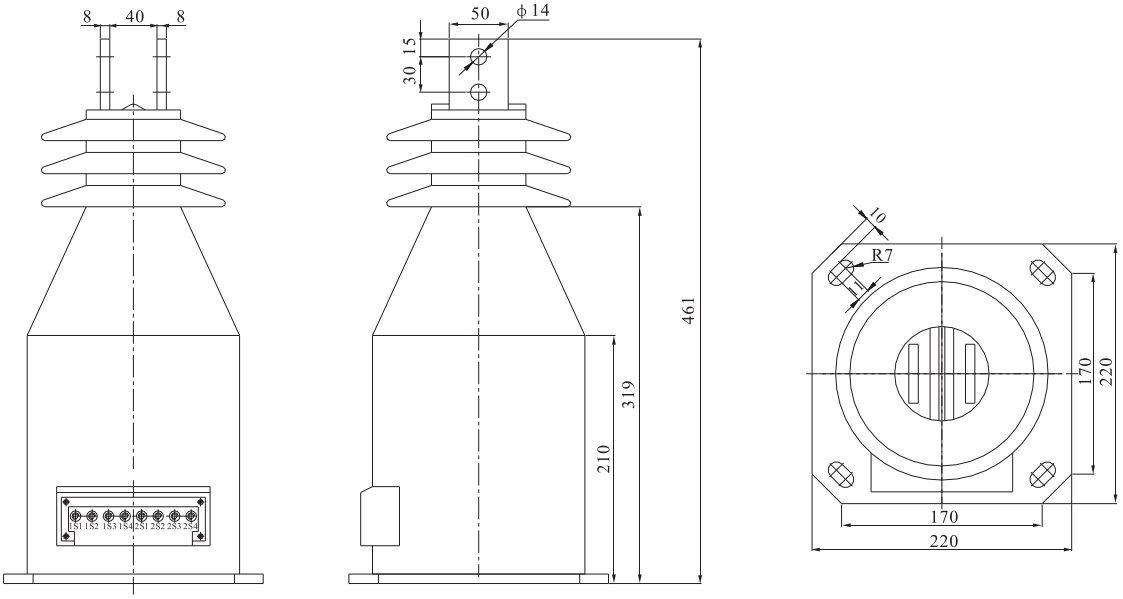


图1 LQZBJ-10GYW1 外形及安装尺寸图
Diagram1 Outline and installation dimension of LQZBJ-10GYW1

SANAI transformer 三爱互感器 | LONG YOU transformer 三友互感器

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LZZBJ71-10 户外电流互感器
LZZBJ71-10 Outdoor current transformer



概述 Summary

LZZBJ71-10是用特殊的户外材料全封闭浇注绝缘的户外干式高动热稳定、高精度、防污、高原、阻燃型电流互感器，免除了漏油及油劣化的缺点，供电力系统作电流、电能测量及继电保护之用，产品特点:

1. 实现无油化，保护了环境;
2. 免除了每年油浸产品的预防性试验，实现了免维护，节约了大量的人力物力;
3. 是无人值守变电所的优良设备;
4. 其制造材料是耐燃自熄物质，具有防水，防爆性能。

LZZBJ71-10 is an outdoor dry casting insulation current transformer wholly enclosed with special outdoor materials of high dynamic heat stability, high precision, pollution proof, highland suitable and anti-flame, avoiding oil leak, oil deterioration and other disadvantages. It can be used for measurement of current and electric energy as well as relay protection in electric system.

Characteristics of product:

1. Realize oil free to protect the environment
2. Exempt annual preventative test of oil-immersed products so as to realize maintenance free and save abundant manpower and material resources.
3. Excellent equipment of transformer station with no one on watch
4. Its manufacturing material is are anti-flaming and self-extinguishing with waterproof and flameproof performance.

型号含义 Type designation

L Z Z B J 71 - 10

- 10 — 额定电压 Rated voltage(kV)
- 71 — 设计序号 Design No.
- J — 加大容量 Increased capability
- B — 带保护 With protection
- Z — 固体“注”封绝缘 Solid cast sealing insulation
- Z — 支柱式 Pole type
- L — 电流互感器 Current transformer

技术参数 Technical parameter

产品性能符合IEC标准和GB20840.2-2014《电流互感器》
The performance of products is conformed to IEC standard and GB20840.2-2014 Current Transformer.
额定绝缘水平 Rated insulation level: 12/42/75kV
额定频率 Rated frequency: 50Hz
额定二次电流 Rated secondary current: 5A
使用条件：户外；海拔3000m以内；污秽等级IV级，爬电距离380mm
Working conditions: Outdoors; altitude within 3000m; pollution grade IV and creepage distance 380mm.
环境温度 Environmental temperature: -45℃~+65℃

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LONG YOU transformer 三友互感器　　SANAI transformer 三爱互感器

主要技术参数 Main Technical parameter

额定一次电流(A) Rated primary current(A)	1S计量 LS measurement	2S继保 Relay protection	额定短时热电流 (kA有效值) Rated shorttime chermal current (kA virtualvalue)	额定动稳定电流 (kA峰值) Rated dynamic stability current (kA peak)
5-100	0.2级10VA 0.2S级15VA 0.5级15VA 0.5级20VA	25VA (30VA) 10P/10	200I 1n	500I 1n
150-300			150I 1n	375I 1n
400,500			45	90
600-800			63	100
1000-1500			80	160

注：表中数据为单变化数据

Note: data showed in the meter is the single variable one

外形及安装尺寸图 Outline and installation dimension

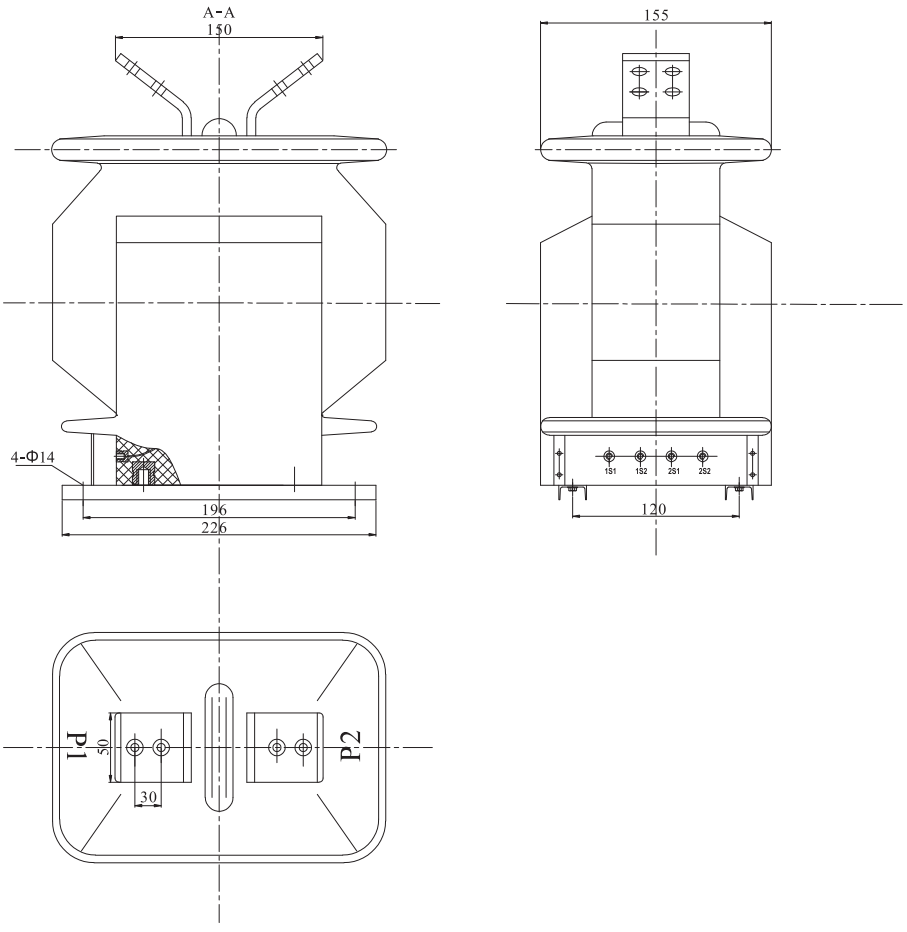


图1 LZZBJ71-10外形及安装尺寸图

Fig 1 Overall and installation dimension of LZZBJ71-10 current transformer

LZZBJW-35Q 户外电流互感器
LZZBJW-35Q Outdoor current transformer



概述 Summary

本型电流互感器采用先进的户外环氧树脂浇注而成，本产品具有精度、动热稳定高，耐污秽和潮湿，表面爬距大于1200mm特别适用于户外及海拔地区使用。

本产品可根据用户要求做成多变比及多绕组等。适用于户外35kV的交流线路中作电流、电能测量及继电保护之用。

This current transformer is poured with advanced outdoor epoxy. It enjoys performances such as high dynamic heat stability, dirt-proof, moisture resistant and surface creepage distance more than 1200mm. It is especially applicable for use outdoors and in altitude areas.

The product can be customized with multi-transformation ratio and multi-winding. The product is used for measurement of current and electric energy as well as relay protection in the outdoor AC circuit of 35 k V.

型号含义 Type designation

L Z Z B J W - 35 Q

- Q — 加强绝缘 Reinforced insulation
- 35 — 额定电压 Rated voltage(kV)
- W — 防污秽 Dirt proof
- J — 加大容量 Increased capability
- B — 带保护 With protection
- Z — 固体“注”封绝缘 Solid cast sealing insulation
- Z — 支柱式 Post type
- L — 电流互感器 Current transformer

技术参数 Technical parameter

额定绝缘水平: 40.5/85/185kV	Rated insulation level: 40.5/85/185kV
负荷功率因数 : cos ϕ =0.8(滞后Lag)	Load power factor: cos ϕ =0.8(lagging)
额定二次电流 : 5A或1A	Rated secondary current: 5A or 1A
环境温度 : -45℃~+45℃	Environmental temperature: -45℃~+45℃
海拔高度不超过 : 3000m	The altitude doesn’t exceed 3000m.
污秽等级 : Ⅲ级	Antipollution grade: Ⅲ

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LONG YOU transformer 三友互感器　　SANAI transformer 三爱互感器

主要技术参数 Main Technical parameter

额定一次电流(A) Rated primary current(A)	准确级次组合 Accuracy class combination	额定二次输出(VA) Rated secondary output(VA)				额定短时热电流 (KA有效值) Rated short time thermal current(kA effectine)	额定短时热电流 (KA有效值) Rated short time thermal current(kA effectine)
		0.2S	0.2	0.5	10P		
30-100	0.2S/10P 0.2/10P 0.5/10P	10	10	10	15	150	375I1n
150						31.5/1	80
200						31.5/2	80
300-500						31.5/3	80
600-800			15	15		31.5/4	80
1000-2000						40/4	100

外形及安装尺寸图 Outline and installation dimension

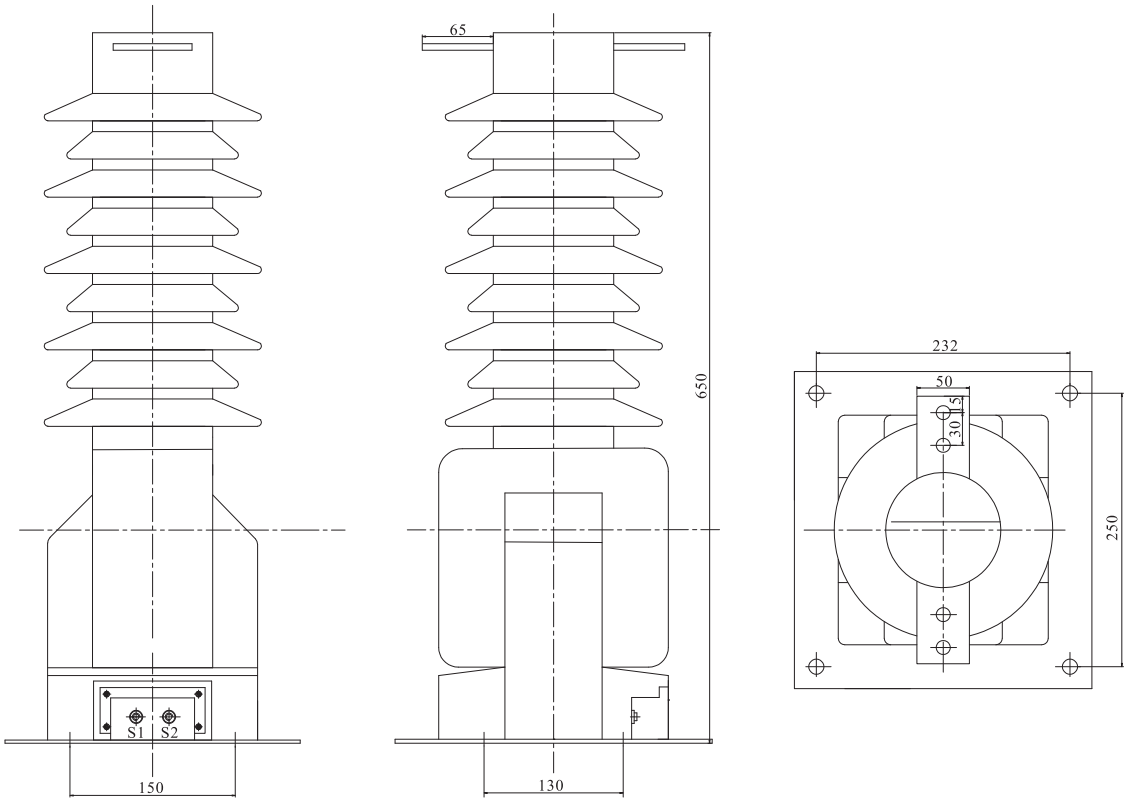


图1 Fig.1

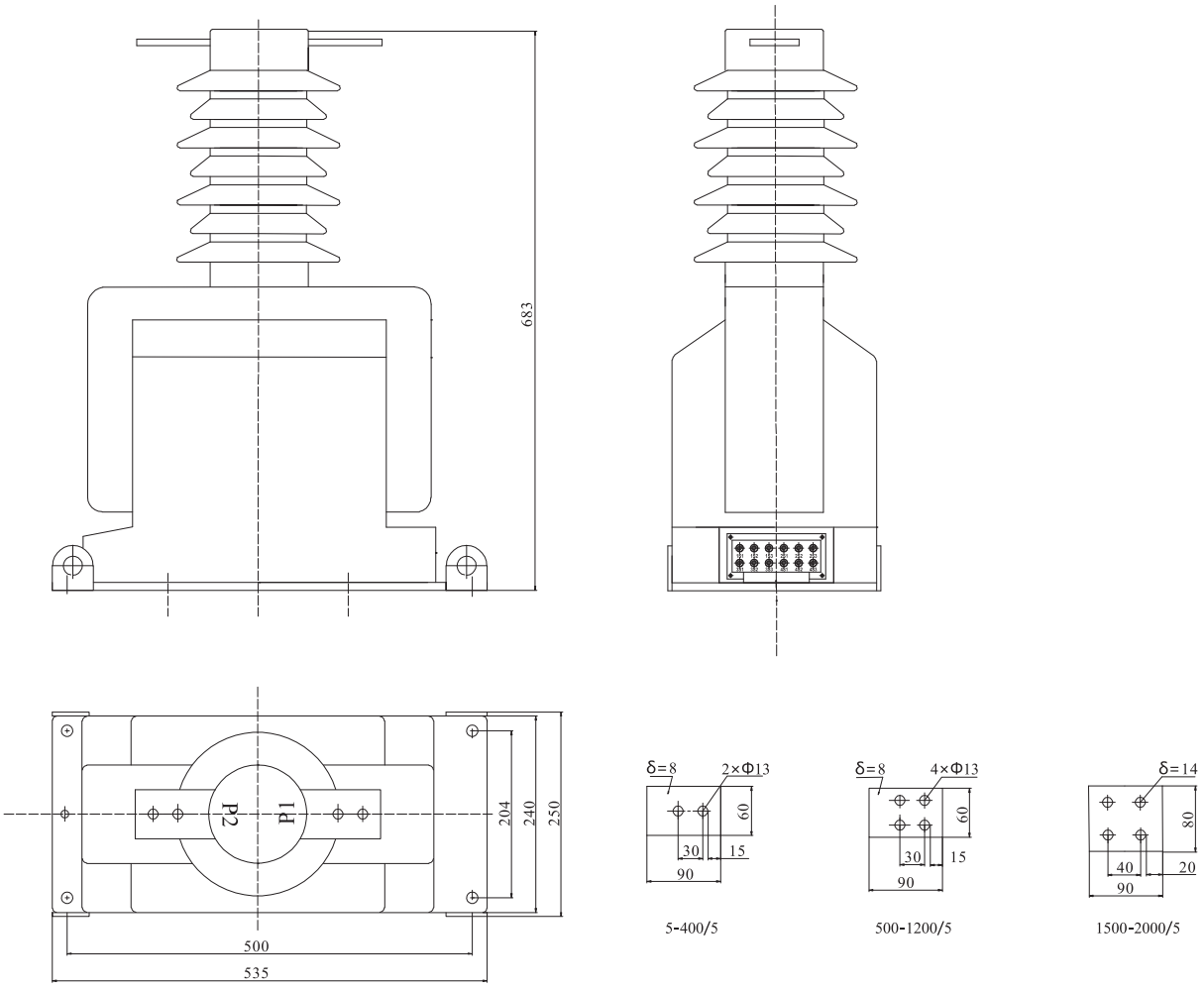

683
P2
P1
204
240
250
500
535
δ=8
2×Φ13
60
30
15
90
5-400/5
δ=8
4×Φ13
60
30
15
90
500-1200/5
δ=14
80
40
20
90
1500-2000/5

图2 Fig.2

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LONG YOU transformer 三友互感器 SANAI transformer 三爱互感器

LDZB8-35 户外电流互感器
LDZB8-35 Outdoor current transformer



概述 Summary

LDZB8-35是用特殊户外材料全封闭浇注绝缘的户外贯穿式防污、高原、阻燃型电流互感器、供电力系统作电流、电能测量及继电保护之用。

LDZB8-35 transformer is made of outdoor moteral special transfixion style, dirt-proof, suitable and flammable-resistant with the structure of full-seal infusing insulation, it is applied as the test of current & power and the protection of relay in the power system.

型号含义 Type designation

L D Z B 8 - 35

- 35 额定电压(kV)Rated voltage
- 8 设计序号 Design serial number
- B 带保护级 With protection grade
- Z 固体“注”封绝缘 Solid cast sealing seal insulation
- D 贯穿式 Transfixion style
- L 电流互感器 Current transforemer

技术参数 Technical parameter

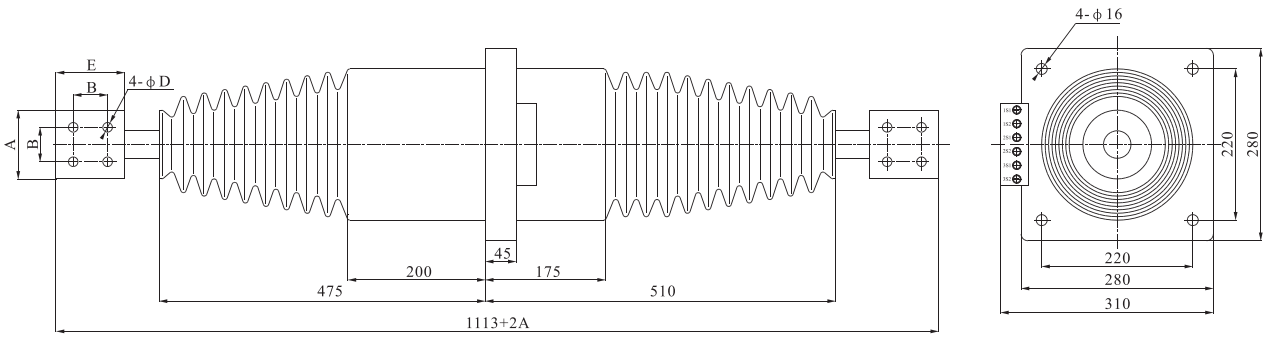
1.产品性能符合IEC标准和GB20840.2-2014《电流互感器》
2.额定绝缘水平：40.5/85/185kV
3.负荷功率因数：COSϕ=0.8(滞后)
4.额定频率：50Hz
5.额定二次电流：5A(2A,1A)
6.准确级次组合：0.5/10P/10P

1.The performances meet the standard of IEC and GB20840.2-2014 current transformer
2.Rated insulation level: 40.5/85/185 kV
3.Power factor of load: COSϕ=0.8(lagging)
4.Rated frequency:50Hz
5.Rated secondary current:5A(2A,1A)
6.Accuracy grade combination:0.5/10P/10P

主要技术参数 Main Technical parameter

额定一次电流(A) Rated primary current	准确级次及相应的额定输出(VA) Precise grade and relevant rated output		额定短时热电流 (KA有效值) Rated short-time thermal current (ka virtual value)	额定动稳定电流 (KA峰值) Rated dynamic stability current (kA peak value)
	0.5	10P20		
400	25	20	45	112.5
600、630	40	30		
800		40		
1000				
1200、1250				
1500、1600				
2000				

外形及安装尺寸图 Outline and installation dimension

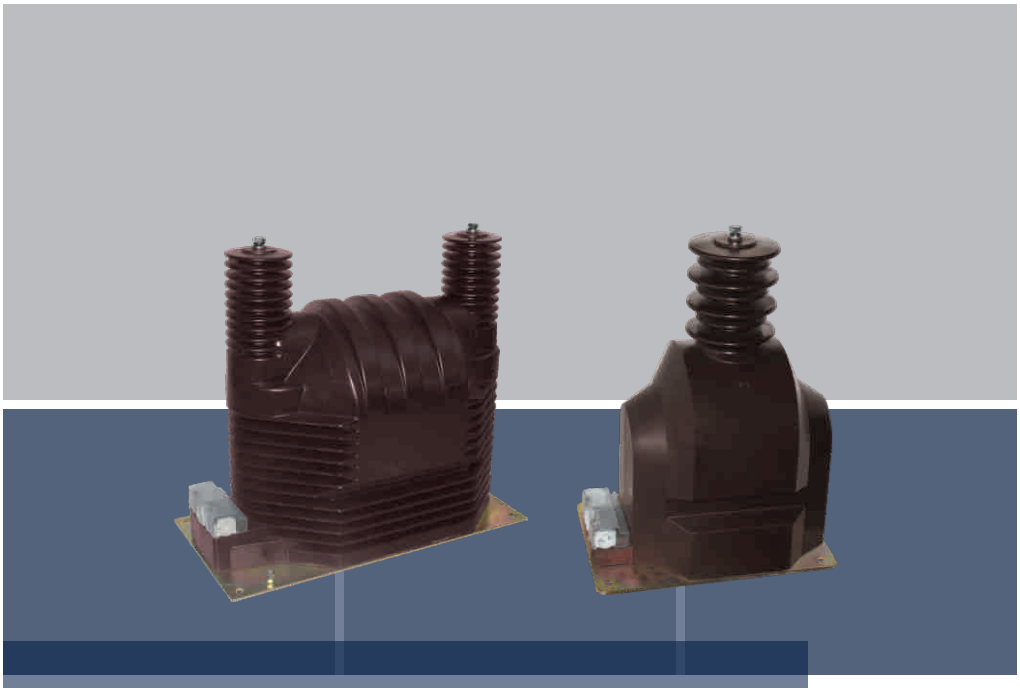


外形及安装尺寸图
Outline and installation dimension of LDZB8-35

电流比(A) Current ratio	外形及安装尺寸(mm) Outline and installation dimension			
	D	A	B	E
5-400/5、600/5、800/5、1000/5	14	80	40	85
1200/5、1250/5、1500/5、1600/5、2000/5	18	100	50	105

High voltage dry type voltage transformer

高压干式电压互感器



执行标准
Carry out in accordance with standards

GB20840.3-2013《电压互感器》
GB20840.3-2013 Voltage transformer
IEC186《电压互感器》
IEC186 Voltage transformer

JDZ(J)-3, 6, 10(Q) 电压互感器
JDZ(J)-3, 6, 10(Q) Voltage transformer



概述 Summary

JDZ-3、6、10(Q)型单相双线圈，环氧树脂浇注绝缘，户内装置用电压互感器供额定频率50Hz的交流线路中作电压、电能测量和供继电保护及其他控制设备电源之用。(接线图如图1)

JDZ(J)-3、6、10(Q)型单相双线圈，环氧树脂浇注绝缘，户内装置用电压互感器供额定频率50Hz的中性点不直接接地系统中作电压、电能测量和供继电保护及其他控制设备电源之用。(接线图如图2)

JDZ3-3,6,10(Q)type single-phase double coil voltage transformer of epoxy casting insulation for indoor device use, is used for measurement of voltage and electric energy, relay protection in the AC circuit of rated frequency 50Hzas well as other control device power . (refer to figure 1 wiring diagram)

JDZ(J)-3,6,10(Q) type single-phase double coil voltage transformer of epoxy casting insulation for indoor device use, is used for measurement of voltage and electric energy, relay protection in neutral non-direct earthing system of rated frequency 50Hz as well as for other control device power (refer to figure 2 wiring diagram)

型号含义 Type designation

J D Z (J) - 3,6,10 (Q)

- (Q) 加强绝缘 Reinforced insulation
- 3,6,10 额定电压 Rated voltage(kV)
- (J) 加大容量 Increased capability
- Z 浇注绝缘 Casting insulation
- D 单 相 Single phase
- J 电压互感器 Voltage transformer

主要技术参数 Main Technical parameter

型号 type	短路电流(A) Short circuit current	
	IS1	IS2
JDZ-3	3.125	93.75
JDZ-6	1.52	91.49
JDZ-6(0.2级)class	1.81	108.54

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型号 type	短路电流(A) Short circuit current	
	IS1	IS2
JDZ-10	1.30	130
JDZ-10(0.2级)CLass	1.32	132
JDZJ-3	2.15	64.78

型号 type	短路电流(A) Short circuit current	
	IS1	IS2
JDZJ-6	1.32	79.3
JDZJ-10	0.97	97
JDZJ-10(0.2级)class	0.97	97

型号 type	额定电压比 Rated voltage ratio(V)	额定二次输出(VA) Rated secondary output(VA)							极限输出 ultimateoutput (VA)	额定绝缘水平 Rated Insulation level (kA)	表面爬电距离 Exterior creepage distance(mm)
		0.2级 class	0.5级 class	1级 class	3级 class	0.2/0.2	0.5/0.5	6p			
JDZ-3(Q)	1000/100 2000/100 3000/100		30	50	80	20/20	30/30		200	3.6/23/40	205
JDZ-6(Q)	6000/100	20	50	80	200	20/20	30/30		400	7.2/32/60	
JDZ-10(Q)	10000/100	30	80	150	300	25/25	50/50		500	12/42/75	250
JDZJ-3(Q)	$\frac{3000}{\sqrt{3}}/\frac{100}{\sqrt{3}}/\frac{100}{\sqrt{3}}$		30	50	80			50	200	3.6/23/40	205
JDZJ-6(Q)	$\frac{6000}{\sqrt{3}}/\frac{100}{\sqrt{3}}/\frac{100}{\sqrt{3}}$	20	50	80	200			50	400	7.2/32/60	
JDZJ-10(Q)	$\frac{10000}{\sqrt{3}}/\frac{100}{\sqrt{3}}/\frac{100}{\sqrt{3}}$	20	50	80	200				400	12/42/75	250

JSZV1-10R 电压互感器
JSZV1-10R Voltage transformer



概述 Summary

本型号电压互感器为环氧树脂浇注半封闭结构户内型产品。适用于额定频率50Hz或60Hz额定电压3、6、10kV以下的中性点非有效接地电力系统线路中作电压、电能测量以及继电保护用。

This type of voltage transformer is casting resin and semi enclosed indoor type products, Applicable to the rated frequency 50Hz,60Hz,rated voltage 3，6,10kV and below in the neutral point non effective grounding current system. It is used for Voltage, electric energy measurement and relay protection.

型号含义 Type designation

J S Z V 1 – 10 R

- R — 带熔断器 With Fuse
- 10 — 额定电压等级 Rated Voltage (kV)
- 1 — 设计序号 DesIgn No.
- V — V形接线 “V”wiring
- Z — 浇注成形 Cating Insulation
- S — “单”相 Single Phase
- J — 电压互感器 Voltage Transformer

结构简介 Structre

本型号电压互感器为全浇注结构，二次绕组包绕在由优质硅钢片卷绕而成的矩形铁芯上，铁芯经铜线引出单点接地。分段绕制在一次绕组与铁心同轴绕在酚醛纸筒上。一次绕组均匀分两段绕制，段与段之间留有一定的距离做为段间绝缘。主绝缘和层间绝缘皆采用新型的绝缘材料。一次绕组的每段层外都包有静电屏补偿对地电容。干燥过的线圈及铁性能。一次出线处接有熔断器，底部设有安装底板，供安装固定之用。

Praducts for the whole casting structure, the secondar windings packaged araund the high quality silicon steel sheet winding into a rectangular close, The core wire leads to single point grounding, firing a segmented winding and core coaxial cylinders around the phenolic acid. The primary winding is uniformly divided into two sections and firing, segment is left between a certain distance for inter segment insulation, main insulation layer and insulation adopts the new insulation material, each layer of a winding package electrostatic shield compensation capacitance to ground.The dry coil and the iron core are all cast and cast after vacuum casting, and the mutual inductor has good insulation performance. The primarys outlet is provided with a fuse, the secondary outlet terminalis provided with a junction box protection, and the bottom part is provided with a bottomplate far fixing and fixing.

技术数据 Technical data

1、绝缘电阻R≥1000MΩ;
2、允许在120%的额定电压下长期运行;
3、局部放电水平符合GB7354–1997《互感器局部放电测量》;
4、各技术参数符合GB20840.1–2010及GB20840.3–2013《电磁式电压互感器》;
5、绝缘水平：12/42/75kV;
6、JSZV18–10R型电压互感器额定输出及相应准确级见表。

1.Insulation resistance;
2.Allows for long term operation at 120% of rated voltage;
3.Partial discharge level is consistent with GB7354-1997 《Partial discharge measurement of Voltage Transformer》
4.All technical data accord with GB20840.0-2010 andGB20840.3-2013 《Electromagnetic type Voltage Transformer》;
5.Rated insulation level;
6.Type voltage transformer. Rated burden and accuracy class as table.

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JDZC-6, 10 系列电压互感器
JDZC-6, 10 Series voltage transformer



型号含义 Type designation

J D Z C - 6、10

- 电压等级 Rated voltage (kV)
- 供操作电源使用 For operating power supply
- 浇注绝缘 Sealed type
- 单相 Single-phase
- 电压互感器 Voltage transformer

概述 Summary

JDZC-6、10型电压互感器为环氧树脂浇注绝缘，本产品系户内装置，适用于额定频率为50Hz，额定电压为6kV、10kV的电力系统中作电气测量和电气保护用。

JDZC-6, 10 type voltage transformer is the indoor device of epoxy resin cast insulation, applied to electric measurement and electric protection in the electric system of rated frequency 50Hz and rated voltage 6kV,10kV.

结构 Structure

本互感器为全绝缘型，一次绕组的两个端子按全绝缘水平考核，且布置在浇注体顶部的两侧。互感器主要部分有铁心、二次绕组和一次绕组，且全部包封在环氧树脂浇注体内，其电气性能稳定、防潮性好。

This transformer is the type of full insulation, its primary winding two terminals that are checked according to full insulation level, distributed on both sides of casting body top. It is mainly made up of three parts: iron core, secondary winding and primary winding which are all encapsulated in the epoxy resin casting body, featured with stable electric performance and perfect damp proof property.

使用条件 Operating conditions

1、设备种类Equipment category: 户内 Indoor

2、环境温度Environmental temperature:

最高温度Max temperature +40℃,

最低温度Min temperature -5℃

3、大气条件Air condition:

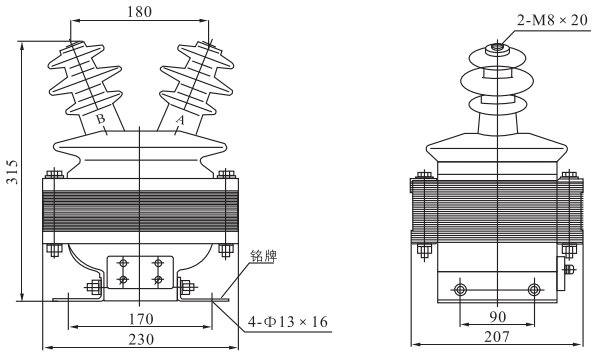
大气中无严重影响互感器绝缘性能的污秽及浸蚀性和爆炸性介质。

There shall not be stains and corrosive or explosive mediums that seriously affect the insulation of transformer in the air.

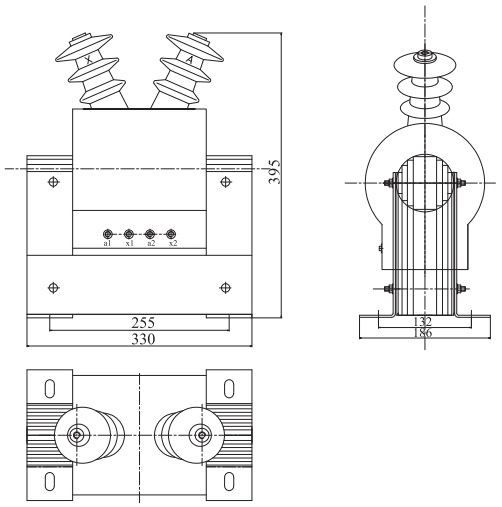
技术参数 Technical parameter

型号 Type	额定电压比 Rated voltage ratio(V)	额定二次输出 Rated secondary output(VA)		准确极组合 Accuracy classes combination	额定绝缘水平 Rated insulation level(kV)
		1a1b(100V)	2a2b(220V)		
JDZC-10	10000/100/220 60000/100/220	30	700	0.5/3	7.2/32/60 12/42/75
		50	800,1000		
		80	2000,3000		

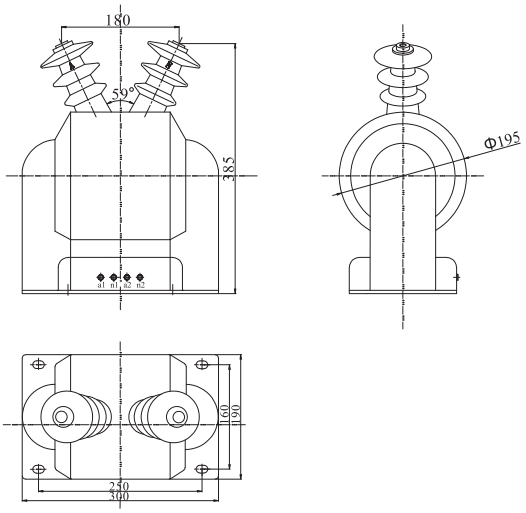
外形及安装尺寸图 Outline and installation dimension



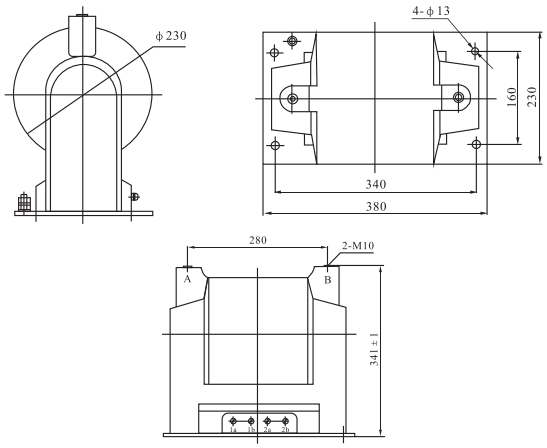
(700VA)



(800-1000VA)



(1500-2000VA)



(3000VA)

接线图 Wiring diagram

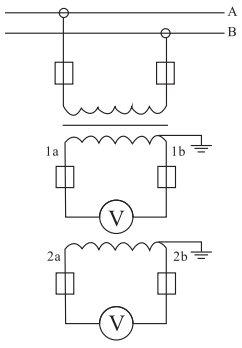


图1(Figure 1)

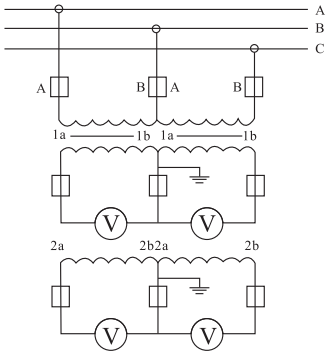
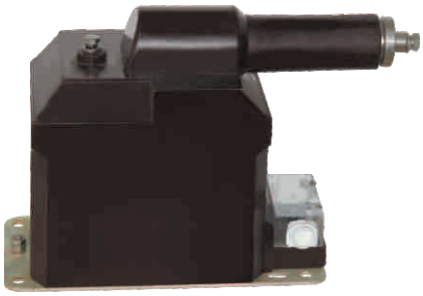


图2(Figure 2)

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LONG YOU transformer 三友互感器　　SANAI transformer 三爱互感器

JDZ(X)R8-10 电压互感器
JDZ(X)R8-10 Voltage transformer



概述 Summary

本系列电压互感器为环氧树脂浇注绝缘全封产品，适用于额定频率50Hz或60Hz、额定电压10kV及以下的中性点非有效接地电力系统中，作电能计量、电压监测和继电保护用。本产品符合IEC60044及GB20840.3-2013《电压互感器》标准。

Thse ceries of voltage transformer are single phase and full enclosed of casting sesin. They are used for measuring electric energy, voltage control and relay protecion in the electric non-useful-ground ecuted according to the standards IEC60044and GB20840.3-2013.

型号含义 Type designation

J D Z X R 8 - 10

- 10 — 电压等级 Voltage grade (kV)
- 8 — 设计序号 Design No.
- R — 带熔断器 With fusible cutout
- X — 带剩余电压绕组 With residual voltage winding
- Z — 浇注绝缘 Casting resin insulated
- D — 单相 Single phase
- J — 电压互感器 Voltage transformer

结构简介 Structural introduction

本系列互感器体积小、重量轻、局部放电量小，抗过电压能力强，最大特点是一次带有熔断器保护。熔断器装在互感器内部，直接避免因用户配置熔断器浪费开关柜的有效空间，其熔断器熔断电流与互感器短路承受能力相匹配，且能有效地保护互感器因电网出现故障时不被烧毁。

The types of voltage transformers have much merit,such as:electric arc resitance, ultraviolet ray and aging resistance,long creepage distance, little partial discharge and large caliber of resistance to over -voltage. The primaries of the products are protected with fused. The fused is installed inside the trans-former. The primaries of the protected with fused.The fused short-circuit force. When the electrified wine netting breakdown, the fused can protect the transfomer not beaker.

技术参数 Technical parameter

1、技术参数见表(Technical data see form)

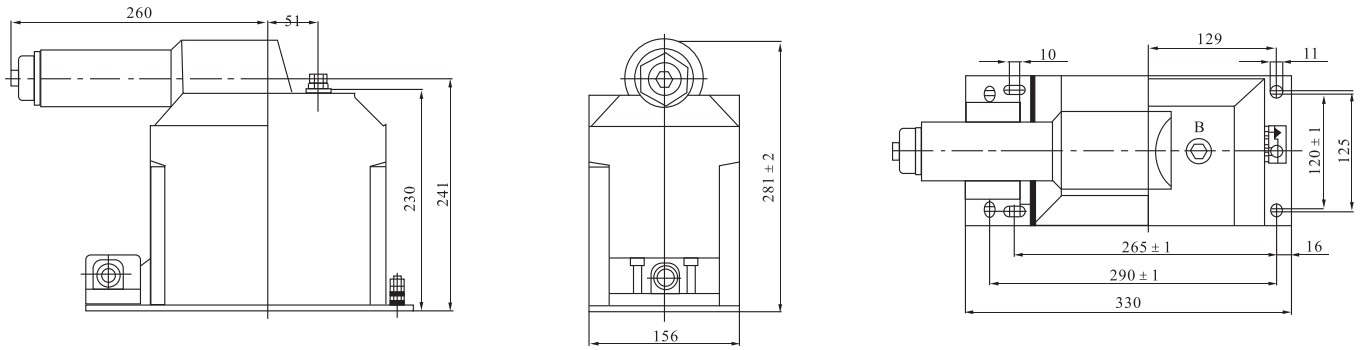
2、配用熔断器 JDZR8-10A、B、C为XRNP□-12型，0.2A,50kA;JDZXR8-10A、B、C为XRNP□-12型，0.5A，50kA。(特殊要求请订货时提示)(The fusible cutout's type:JDZR8-10A、B、CXRNP□-12,0.2A,50kA.JDZXR8-10A、B、C: XRNP□-12型，0.5A，50kA(If special need,please notice when order.)

3、若用户要求配合微机使用时，0.2、0.5级二次负荷下延至1VA。(If being repuested to con-nect the computer,the secondary load of class 0.2 or 0.5class can up to 1VA.)

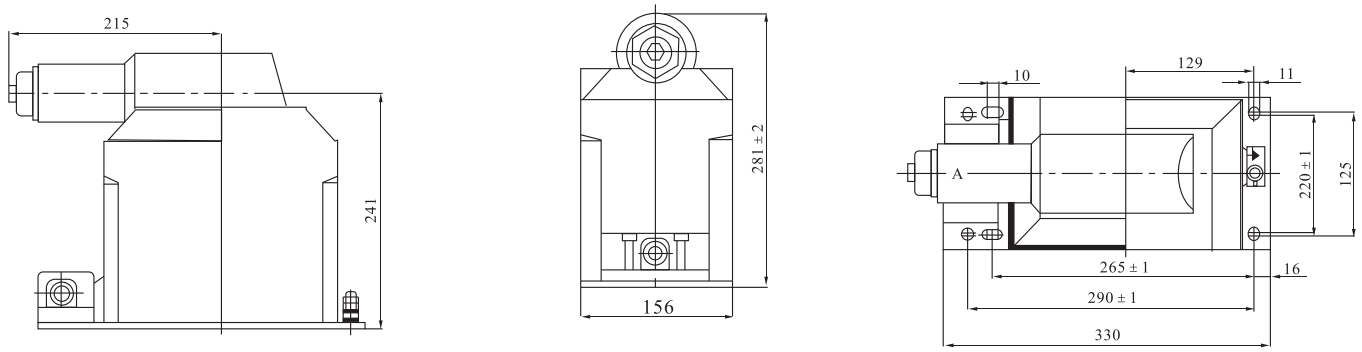
技术参数 Technical parameter

型号 Type	额定电压比 Rated voltage ratio (V)	额定输出 Rated output (VA)				极限输出 Limit output(VA)	额定绝缘水平 Rated insulated level (kV)
		0.2	0.5	1	6P		
JDZR8-3	3000/100	15	30	60	50	300	3.6/25/40
JDZR8-6	6000/100						7.2/32/60
JDZR8-10	10000/100						12/42/75
JDZXR8-3	3000/ √3/100/ √3/100/3	15	30	60	50	300	3.6/25/40
JDZXR8-6	6000/ √3/100/ √3/100/3						7.2/32/60
JDZXR8-10	1000/ √3/100/ √3/100/3						12/42/75

外形及安装尺寸图 Outline and installation dimension



JDZR8-10

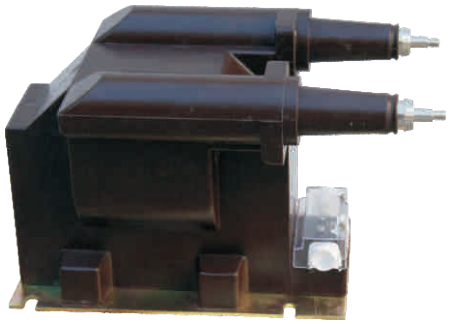


JDZXR8-10

ISO9001国际体系认证企业　中国人民保险公司质量承保

LONG YOU transformer 三友互感器　SANAI transformer 三爱互感器

JDZ18-10R 电压互感器
JDZ18-10R Voltage transformer



概述 Summary

本型号电压互感器为环氧树脂浇注绝缘全绝缘户内产品，适用于额定频率50Hz或60Hz额定电压3、6、10kV及以下的中性点非有效接地电力系统线路中作电压、电能、功率测量。

This type Voltage Tranfarmer is single phase and full enclosed of casting resin epoxy, it is used indoor installation and used for measuring energy, volatge and relay protection in neutral paint Non effective graunding electric system. it is used for rated volatge 3kV, 6kV, 10kV or below voltage. Rated Frequency: 50Hz or 60Hz

型号含义 Type designation

J D Z 18 - 10 R

- R — 带熔断器 With fuse
- 10 — 额定电压等级 Rated voltage(kV)
- 18 — 设计序号 DesIgn No.
- Z — 浇注成形 Casting insulation
- D — “单”相 Single phase
- J — 电压互感器 Voltage transformer

结构简介 Structre

产品为全浇注结构，二次绕组包绕在由优质硅钢片卷绕而成的矩形铁芯上，铁芯经铜线引出单点接地，分段绕制的一次绕组与铁芯同轴绕在酚醛纸筒上。一次绕组均匀分两段绕制，段与段之间留有一定的距离做为段间绝缘。主绝缘和层间绝缘皆采用新型的绝缘材料。一次绕组的每段外层都包静电屏补偿对地电容。干燥过的线圈及铁芯经真空浇注后全部浇于浇注体中，互感器具有良好的绝缘性能。一次出线处接有熔断器，二次出线端子有接线盒保护，底部设有安装底板，供安装固定用，接地螺杆位于安装底板上。

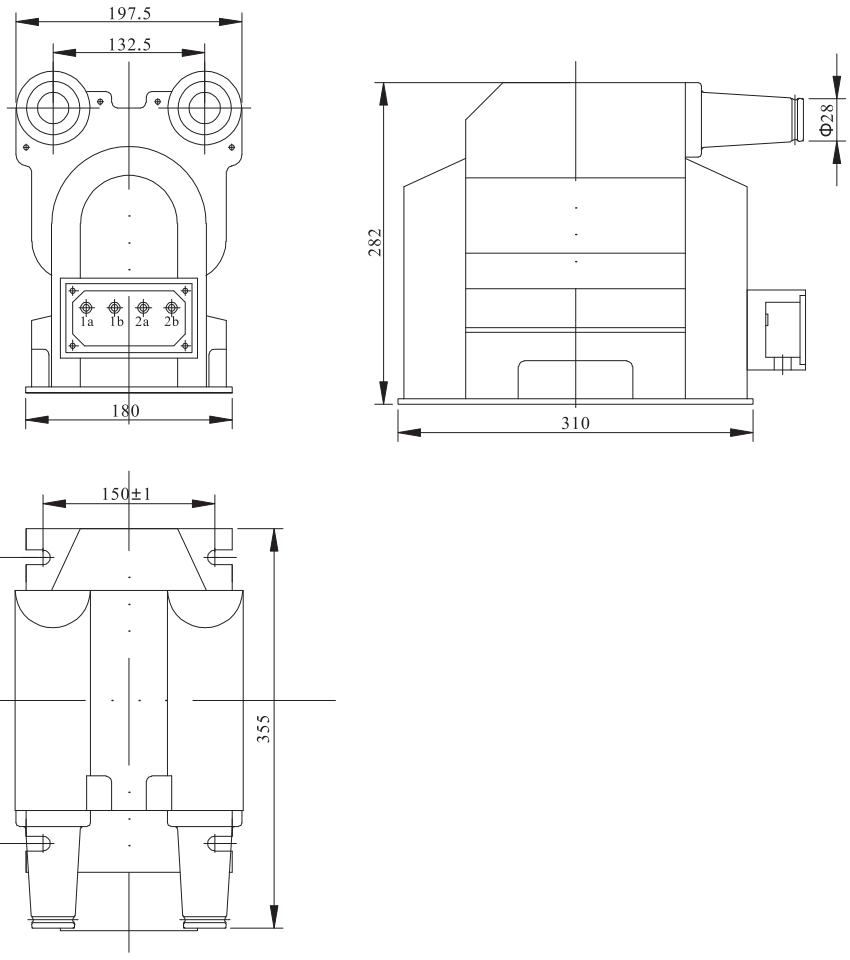
Products for tho whole casting structure, the secondar windings packaged around the high quality silicon steel sheet winding into a rectangular close, The care wire leads to single point grounding, firing a segmented winding and care coaxial cylinders around the phenalic acid. The primary winding is uniformly divided into two sectians and firing, segment is left between a certain distance for inter segment insulation, main insulation layer and insulation adopts the new insulacion material, each layer of a winding package electrostatic shield compensation capacitance to ground. The dry coil and the iron core are all cast and cast after vacuum casting, and the mutual inductor has good insulation performance. The primarys outlet is provided with a fuse, the secondary outlet terminal is provided with a junction box protection, and the bottom part is provided with a bottom plate for fixing and fixing.

技术数据 Technical data

JDZ18-10R型电压互感器技术数据
JDZ18-10RType voltage transformer technical data

型号 Table	额定电压比(V) Rated voltage ratio	二次绕组额定容量(VA) Rated burden(VA) (COS ϕ =0.8)			二次绕组极限容量(VA) Limit Output(VA)
JDZ18-10R	10/0.1/0.1	0.5(S)	5P	10P	400
		20	50	80	

外形及安装尺寸图 Outline and installation dimension



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正常工作条件 Normal operating conditions

1、安装场所为户内，运行时二次不得短路；
2、环境温度：－5℃~+40℃，日平均气温不超过35℃；
3、海拔高度不超过1000m；
4、平均相对温度不超过80%；
5、无严重影响互感器绝缘的气体，尘埃及其它爆炸性或浸蚀性介质；
6、安装场所无剧烈震动和颠簸。

1、Indoor Installation , during working . secondary circuit can not open;
2、Environmental temperature: -5℃~+40℃, The daily average temperature is not more than 35 degrees;
3、meters above sea level: Not more than 1000 ;
4、The average relative temperature is not more than 80%;
5、No serious effects of transformer gas, dust, and other explosive, etching medium;
6、Installation attempt without violent vibration and burmps.

售后服务 Service

凡本公司生产的互感器，若因生产质量问题可凭购买时的发票及合格证等有效证明在有效期内到本公司（或经销商）处进行更换或是保修。

Our company produced transformers, if the quality of production has problems, You can take the purchase contract , certificates or other valid proof to our company (or Distribution Department) for Replace or repairing in the validity period.

订货须知 Ordering Information

订货时请提供下列技术参数
1、额定工作电压kV；
2、额定电压；
3、准确级及期准确级组合；
4、额定输出及相应准确级（VA）。

Need technical data following if arrange an order
1.Rated voltage kV;
2.Rated voltage ratio;
3.Accracy class;
4.Rated burden.

装箱单 Package

1、本机一台；
2、使用说明书一份；
3、合格证一份。

1.Product i:lpc;
2.instruction manual :1pc;
3.Certificate of qualification: 1pc.