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

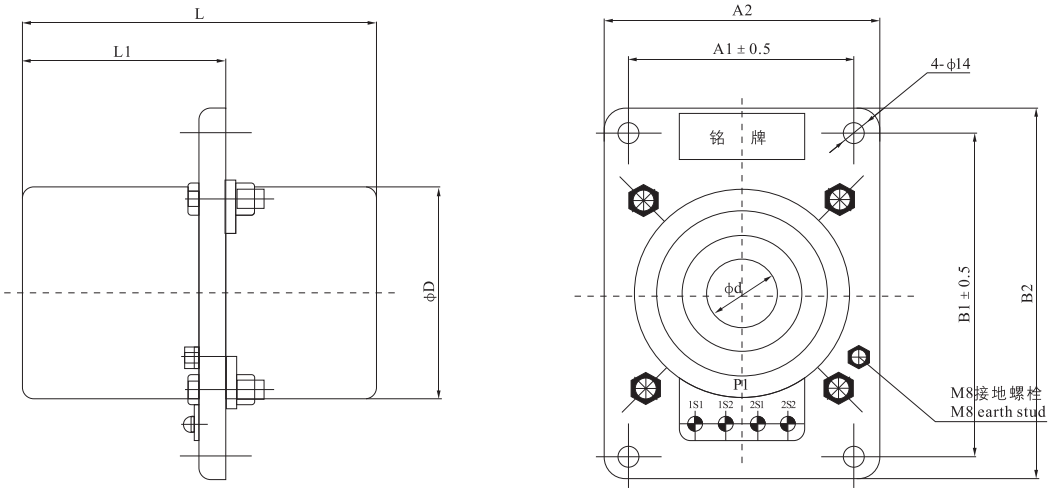
表面爬电距离：LMZ1-10：160mm；
LMZ1-10Q：230mm；
LMZJ1-10Q：230mm；

Surface creepage distance: LMZ1-10: 160mm;
LMZ1-10Q:230mm;
LMZJ1-10Q: 230mm

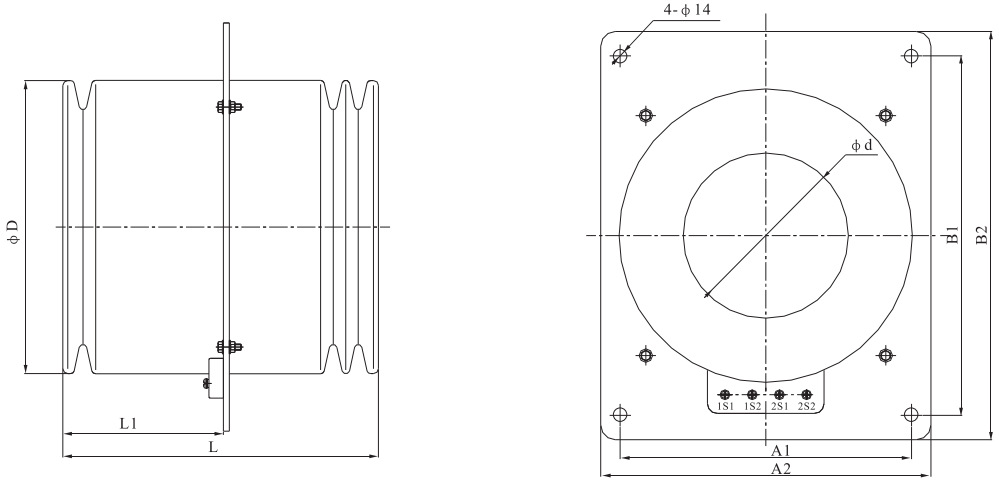
主要技术参数 Main technical parameter

型号 Type	额定一次电流 Rated primary current(A)	准确级组合 Accuracy classes (1S/2S)	额定二次输出 (VA) Rated secondary (1S/2S)	重量(kg) Weight
LMZ1-10(Q)	300	0.2/10P10	5/15	4.5
		0.5/10P10	10/15	
	400-1000	0.2(0.5)/10P10	10/15	8
LMZJ1-10(Q)	1200-1500	0.2/10P15	30/80	26
		0.5/10P15	40/80	
		10P10/10P10	40/40	
	2000-3000	0.2/10P15	40/100	27
		0.5/10P15	60/100	
		10P10/10P10	60/60	
	4000-5000	0.2/10P15	40/100	27
		0.5/10P15	60/100	
		10P15/10P15	60/60	
LMZBJ-10(Q)	1200	0.5/3 0.5/10P 0.2/10P	10/15	28
	1500 2000-4000	0.5/10P 0.2/10P	40/80 60/100	28

外形及安装尺寸图 Outline and installation dimension



I1n(A)	L	L1	ϕD	ϕd	A1	A2	B1	B2
300 400 500 600	185	115	136	53	140	235	205	275
800-1000	240	100	190	90	240	285	280	320



I1n(A)	L	L1	ϕd	ϕD	A1	A2	B1	B2
1200-2500	240	136	130	242	256	296	306	346
3000	220	100	170	295	300	340	380	420
4000-5000	320	170	170	300				

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LAJS-10Q 穿墙式电流互感器
LAJS-10Q Pass through the wall type current transformer



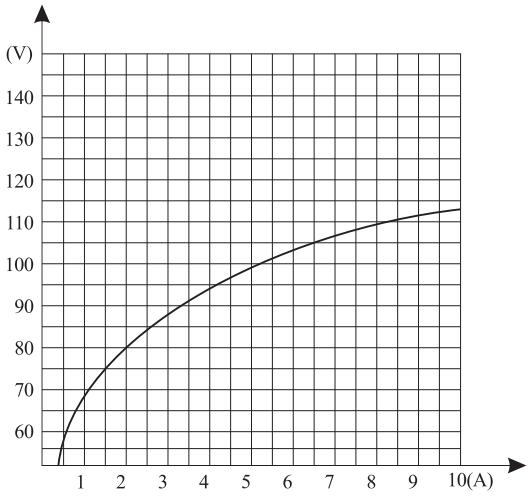
概述 Summary

本型电流互感器为环氧树脂浇注穿墙式结构，LAJS-10Q的20-300A为全封闭式结构。本型互感器适用于额定电压为10KV及以下，户内交流50Hz的电力线路中作电流、电能的测量和继电保护使用。LAJS-10Q的二次为三绕组，甲组为1S1、1S2，乙组为2S1、2S2，丙组为3S1、3S2，可根据需要制成0.2/10P/10P, 0.5/10P/10P, 0.2/0.5/10P等级次组合。

This current transformer is of epoxy resin casting wall-through type, LAJS-10Q of 20-300A is of full-enclosed type, this transformer is used for current power measurement and relay protection in indoor alternate power system with rated votage10KV and below, frequency 50Hz, There are three windings in secondary of LAJS-10Q the furst group is 1S1,1S2, the second group is 2S1,2S2,the third group is 3S1 3S2,thegrade combinations sueb as 0.2/10P/10P, 0.5/10P/10P, 0.2/0.5/10P can be made.

技术参数 Technical parameter

额定绝缘水平：12/42/75kV
负荷的功率因数：cosϕ=0.8(滞后)
额定二次电流：5A(或2A, 1A)
10P级伏安曲线如图所示，可供选型时参考。
Rated insulation level: 12/42/75kv
Power factor of load: cosϕ=0.8(lagging)
Rated secondary current: 5A(2A or 1A)
The V-A curve of class 10p is shown in fig, it's used for choosing type.



LAJS-10Q型20~300/5 10P级伏安曲线
The volt-ampere curve of LAJS-10Q type 20~300/5 10P grade

额定一次电流 Rated Primary Current (A)	一秒热电流 (KA有效值) 1s thermal current (KA virtual value)	额定动稳定电流 (KA有效值) Rated Dynamic Standing Current (KA virtual value)	准确级组合 Accurate Grade Combination	额定二次输出 Rated Secondary Output (VA)			爬电距离 Creepage distance(mm)	重量 weight (kg)
				0.2	0.5	10P级 Class		
20	2.8	7	0.2/10P15/10P15 0.5/10P15/10P15 0.2/0.5/10P15 0.2/0.5/0.5	10	25	15	225	30
30	4.4	11						
40	5.5	13.7						
50	6.3	15.8						
75	9.5	23						
100	15	37.5						
150	20	50						
200	30	60						
300	36	75						

外形及安装尺寸图 Outline and installation dimension

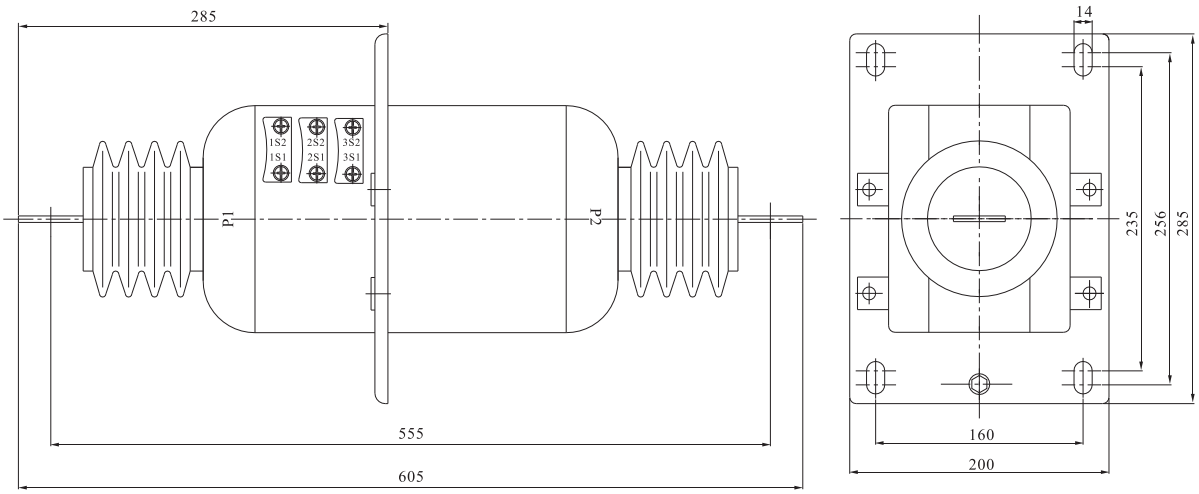
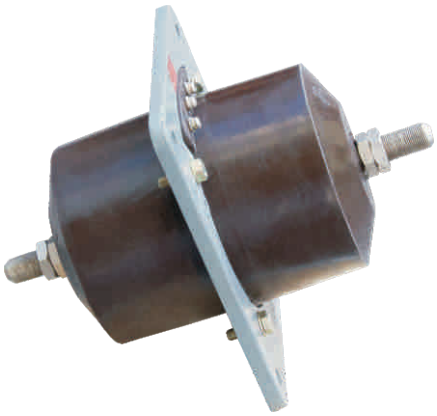


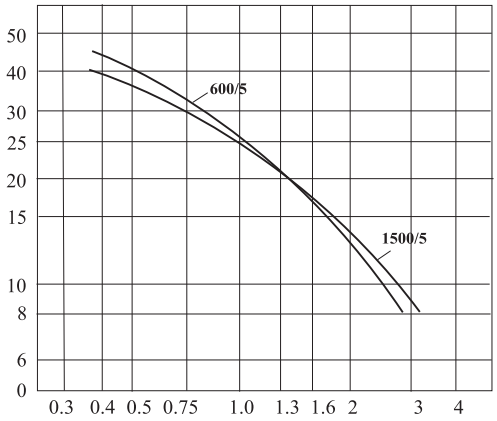
图1 LAJS-10Q外形及安装尺寸图
Picture1: Outline and installation dimension of LAJS-10Q

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LONG YOU transformer 三友互感器
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LDZ1, LDZJ1-10 电流互感器
LDZ1, LDZJ1-10 Current transformer



LDZ1-10、LDZJ1-10额定绝缘水平:
Rated insulation level 12/42/75kV

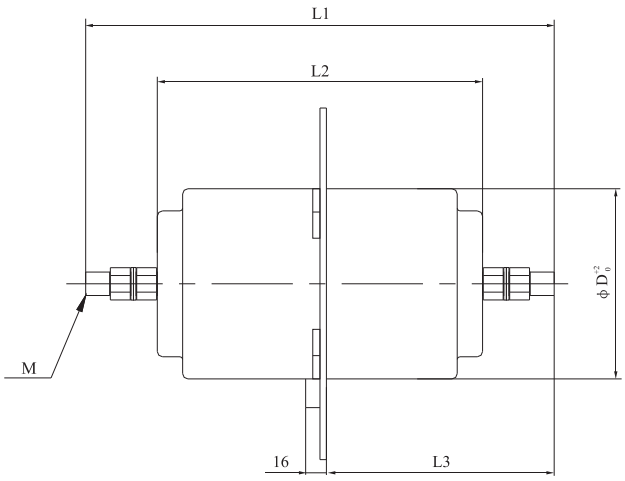


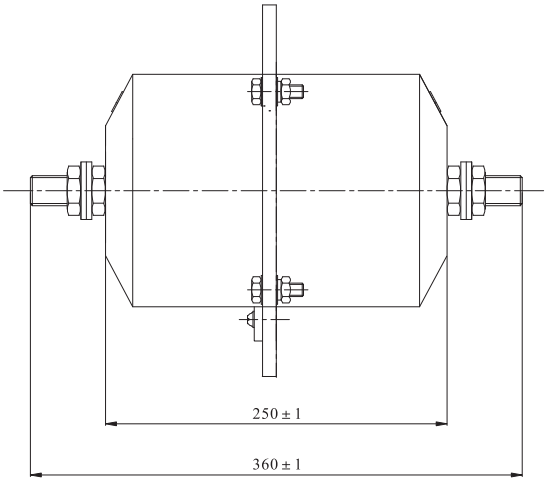
技术参数 Technical parameter

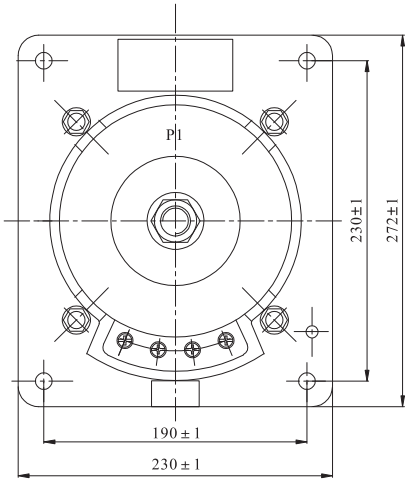
型号 Type	额定一次电流 Rated primary current(A)	L1	L2	L3	ϕ D	M
LDZ1-10	400	360	250	178	146	M18 × 1.5
	600					M22 × 1.5
	800					M25 × 1.5
	1000					M39 × 2
LDZJ1-10	600	410	270	200	178	M18 × 1.5
	800					M25 × 1.5
	1000-1500	450				M39 × 2

型号 Type	额定电压 Rated voltage (kV)	额定一次电流 Rated primary current(A)	额定二次电流 Rated primary current(A)	准确级组合 Accuracy class Combination	额定二次负荷 Rated secondary load(VA)			10P级准确限值系数 Accuracy limit factor for 10P	1s短时热电流 (KA有效值) 1s Short time thermal current (kA effectine)	额定动稳定电流 (kA有效值) Rated dynamic stability current (kA peak)
					0.5或1级 0.5or1class	3级 3 class	1P级 1P class			
LDZ1-10	10	600	5	0.5/3 1/3	10	10	15	15	39	72
		800							39	72
		1000							55	100
		1500							54	97.5
LDZJ1-10/15	10	600		0.5/10P 10P/10P	30		40		39	72
		800							39	72
		1000							55	100
		1500							55	100

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

LFS-10Q, LFSB-10 电流互感器(等同于LZZB-10, LZZBJ-10)
LFS-10Q, LFSB-10 Current transformer(equivalent to LZZB-10, LZZBJ-10)



概述 Summary

本型电流互感器为环氧树脂浇注绝缘全封闭支柱式产品，适用于额定频率50Hz或60Hz，额定电压10KV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GB20840.2-2014《电流互感器》标准。

The current transformer of is casting resin, fully enclosed and post type product. It is used for metering electric energy and current, relay protection in the electrical system It comforms to the standards IEC44-1 and GB20840.2-2014.

型号含义 Type designation

L F S B - 10 Q

- Q — 加强绝缘 Reinforced insulation
- 10 — 电压等级 Voltage grade, kV
- B — 保护用 For protection
- S — 手车式开关柜用 For switch of handcart
- F — 封闭式 Enclosed type
- L — 电流互感器 Current transformer

结构简介 Structural introduction

本型电流互感器为环氧树脂浇注绝缘全封闭结构，具有优良的绝缘性能和防潮能力，体积小，重量轻，适宜于任何位置、任意方向安装。

This type of current transformer is fully enclosed and post type. It has a good ability of insulation, moisture proof and antipollution.It is small and light. It can be installed at any place and any direction.

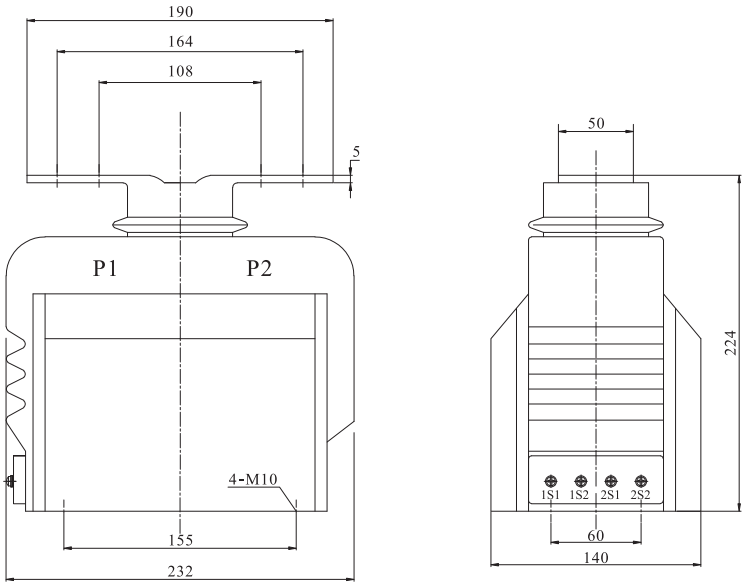
技术参数 Technical parameter

1、额定绝缘水平: 12/42/75kV;
2、额定二次电流: 5A，1A;
3、额定一次电流、准确级组合、额定输出及额定动、热稳定电流见表:
4、局部放电水平符合GB20840.2-2014《电流互感器》标准。
5、污秽等级： Ⅱ级。

1、Rated insulation level: 12/42/75kV;
2、Rated secondary current: 5A 、1A;
3、Refer to the table for rated primary current, accuracy classes combination, rated output, rated dynamic and thermal current.
4、The conditions of partial discharge test is in line with GB20840.2-2014 current transformer.
5、Antipollution calss: Ⅱ class。

型号 Model	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	0.5	10P10		
LFS-10 (LZZB-10)	5~200	0.2/0.2 0.5/0.5 0.2/0.5 0.2/10P10 0.5/10P10	10	10	15	80I1N	200I1N
	300					21	50
	400					24	60
	600					30	70
	800					40	75
	1000						
LFSB-10 (LZZBJ-10)	5~200	0.2/10P10 0.5/10P10	10	10	20	80I1N	200I1N
	300					21	50
	400					24	60
	600					30	70
	800					40	75
	1000						

外形及安装尺寸图 Outline and installation dimension

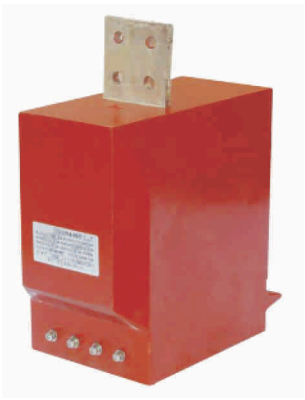


LFS–10Q(LZZB–10)外形及安装尺寸图
Outline and installation dimension of LFS–10(LZZB–10)

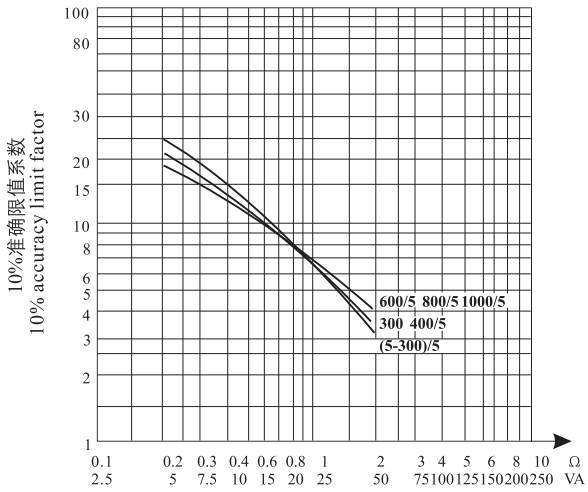
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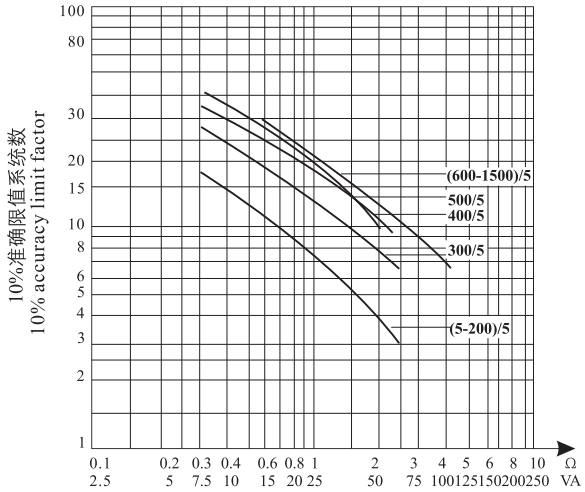
LONG YOU transformer 三友互感器　　SANAI transformer 三爱互感器

LFSQ-10 电流互感器(等同于LZZB1-10)
LFSQ-10 Current transformer(equivalent to LZZB1-10)



技术参数 Technical parameter





产品型号 Type	额定一次电流 Rated primary current (A)	准确级组合 Accuracy class Combination	额定输出 Rated output(VA)	1s热电流(kA有效值) 1s thermal current (kA Virtual value)	动稳定电流(kA峰值) Dynamic stability (kA peak)
LFSQ-10	5,10	0.2/0.2	10/10	150 I1m	2.5 I1m
	15,20,30,40,50	0.2/0.5	10/10	400 I1n	2.5 I1n
	75	0.5/10P10	10/15	32	90
	100,150,200			45	100
	300	0.2/0.2 0.2/0.5 0.5/10P10	15/15 15/15 15/20	63	130
	400,500	0.2/0.2 0.2/0.5 0.5/10P10	20/20 20/20 20/30		
	600,800	0.2/0.2 0.2/0.5 0.5/10P10	30/30 30/30 30/40		
	1000~1500	0.2/0.2 0.2/0.5 0.5/10P10	40/40 40/40 40/40		

外形及安装尺寸图 Outline and installation dimension

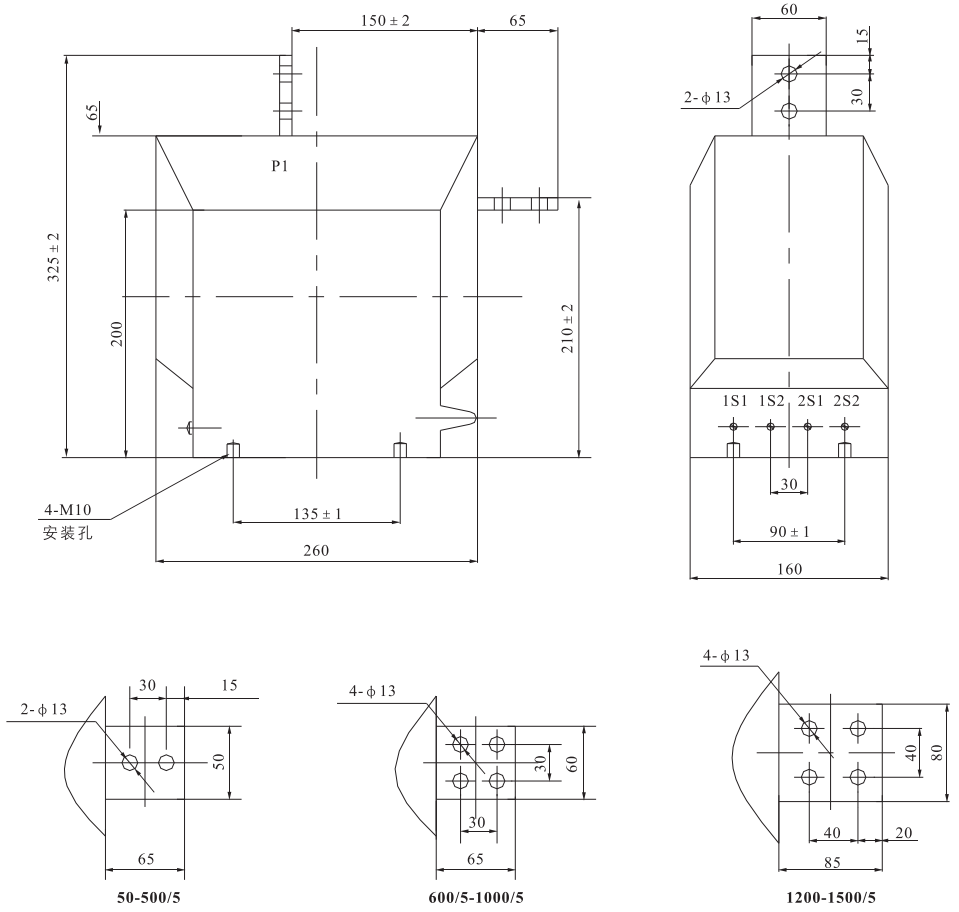


图1 LFSQ-10 外形及安装尺寸
Fig 1 Overall dimension drawing of LFSQ-10 current transformer

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

LQJ/LQZBJ-10Q 电流互感器
LQJ/LQZBJ-10Q Current transformer

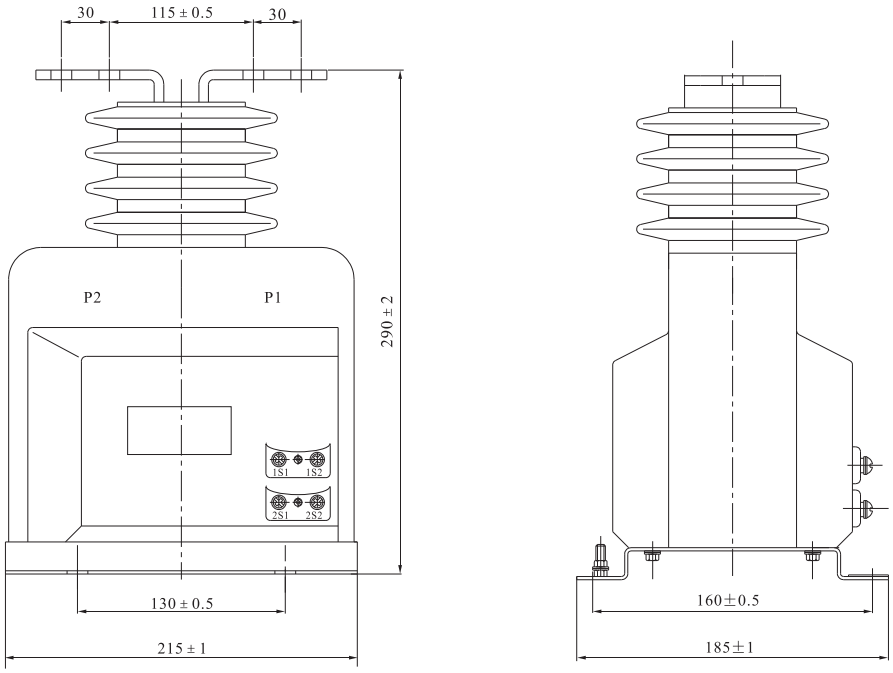


技术参数 Technical parameter

型号 Type	额定电压 Rated voltage (kV	额定一次电流 Rated Primary current (A)	额定二次电流 Rated secondary current (A)	准确级组合 Accuracy class		额定二次负荷 Rated secondary load (VA)				1s 短时热电流 (kA有效值) 1s Short time current (kA virtual value)	额定动稳定电流(kA峰值) Rated dynamic stability current (kA peak)	重量 Weight (kg)
				第一铁心 Core NO 1	第二铁心 Core NO 2	0.2 (0.5) 级 Class	1级 Class	3级 Class	10P级 Class			
LQZBJ-10Q	10	5	5	015	10P	10	10	30	30	0.45	1.1	15.2
		10								0.9	2.3	
		15								1.4	3.4	
		20								1.8	4.5	
		30								2.7	6.8	
		40								3.6	9	
		50								4.5	11.3	
		75								6.8	16.9	
		100								9	22.5	
		150								13.5	35.8	
		200								18	45	
		300								27	67.5	
		400								36	90	
		150		1	10P		15		30	13.5	35.8	15.5
		200								18	45	
		300								27	67.5	
		400								36	90	

注：10P级准确限值系数 15。
Note: Accurancy limit factor of class 10P is 15.

外形及安装尺寸图 Outline and installation dimension



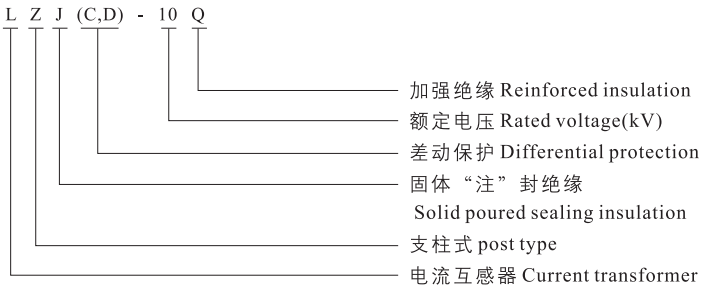
LQZBJ-10Q外形及安装尺寸
2 Overall and installation dimension of LQZBJ-10Q current transformer

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LONG YOU transformer 三友互感器
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LZJ(C, D)-10(Q) 电流互感器
LZJ(C, D)-10(Q) Current transformer



型号含义 Type designation



概述 Summary

LZJ(C、D)-10Q为环氧树脂浇注全封闭绝缘全工况支柱式电流互感器，供额定频率为50Hz，额定电压为10KV的交流线路中作电流、电能测量及继电保护之用。本产品在原老产品LZJ(C、D)-10基础上改进型设计的全封闭产品，克服老产品表面爬距小不能做S级产品的缺点，LZJ(C、D)-10Q可完全取代LZJ(C、D)-10型。可广泛用于HXGN1-10型箱式交流金属封闭、环网柜。HK-10D型环网开关柜，HGKG-10型环网开关柜及其它环网柜中。

LZJ(C,D)-10Q Current transformer is of an all work-condition post type with epoxy pouring wholly sealed insulation, used for measurement of current and electric energy power as well as relay protection in the AC circuit of rated frequency 50Hz and rated voltage 10KV. This product is the whole sealing one designed on basis of previous LZJ(C、D)-10 product. Having overcome the disadvantage of the old product that the surface creep distance is too small to make Class S product, LZJ(C、D)-10Q current transformer can completely replace LZJ(C、D)-10 type, it can be widely used for HXGN1-10 box-type AC metallic enclosed ring main writ, HK-10D type ring main writ, HGKG-10 type ring main writ and other ring main writs.

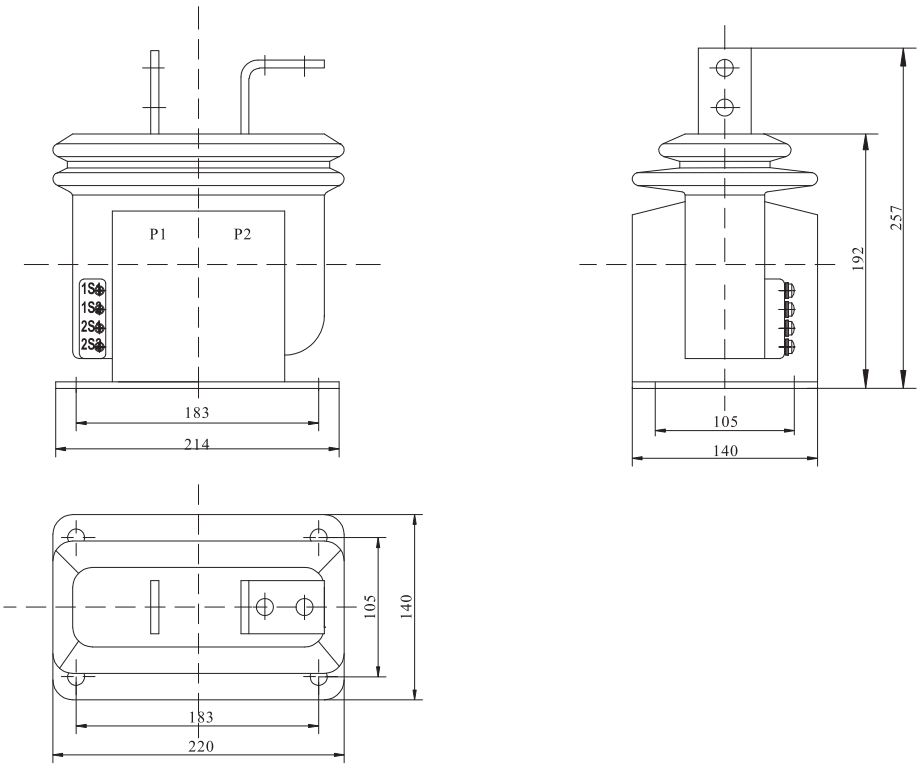
技术参数 Technical parameter

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
负荷功率因数
Load power factor: COSφ=0.8(滞后Lag)
额定频率
Rated frequency: 50Hz
额定二次电流 Rated secondary currrent: 5A、1A
局部放电水平：符合GB5583-85标准，其局部放电不大于20PC.
Partial discharge level: In conformity to GB5583-85standard, its partial discharge is not more than 20PC.
表面爬距：255mm，满足Ⅱ级污秽地区。
Surface creep distance: 225mm, meeting polluted area grade Ⅱ.

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	额定一次输出(VA) Rated secondary output(VA)						额定短时热电流 (KA有效值) Rated short time thermal current (KA virtual value)	额定动稳定电流 (KA峰值) Rated dynamic stability current (KA peak)
		0.2S	0.2	0.5S	0.5	10P10	10P15		
5-300	0.2S/10P 0.2/10P 0.5S/10P 0.5/10P 0.2/0.5 0.2/0.2	10	10	10	10	15	15	100/1h	250/1h
400								45	112.5
500					15			56	140
600									
800					20	20		80	200
1000						25			

外形及安装尺寸图 Outline and installation dimension



LZJC－10Q 0.2级 外形及安装尺寸图
Outline and installation dimension of LZJC－10Q current transformer with accuracy class 0.2

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

LZZBJ9-10(A, B, C, A5G) 电流互感器
LZZBJ9-10(A, B, C, A5G) CURRENT TRANSFORMER





概述 Summary

本型电流互感器为全封闭浇注绝缘支柱式，供额定频率为50Hz，额定电压为10kV的交流线路中作电流、电能测量及继电保护之用。

This current transformer is of a whole sealing casting insulation pillar type, used for measurement of current and electric energy as well as relay protection in the AC circuit of rated frequency 50Hz and rated voltage 10kV.

型号含义 Type designation

L Z Z B J 9 - 10 (A、B、C、A5G)

- 结构代号 Structure code
- 额定电压 Rated voltoge
- 设计序号 Design number
- 加大容量 Increased capability
- 带保护级 With protection
- 支柱式 Post type
- 浇注绝缘 Casting insulation
- 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

负荷功率因数 Load power factor: cos ϕ=0.8(滞后Lag)

额定频率 Rted frequency: 50Hz

额定二次电流 Rated secondary current:5A、1A

局部放电水平: 符合GB5583-85标准，其局部放电不大于20PC.

Partial discharge level: In conformity toGB5583-85 standard, its partial discharge is not more than 20PC.

主要技术参数 Main Technical parameter

额定一次电流(A) Rated primary current(A)	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 virtual value)	额定动稳定电流 (KA 有效值) Rated dynamic stability current (kA peak)
			0.2、0.2S	0.5、0.5S	10P10	10P15		
LZZBJ9-10 (A、B、C)	5	0.2/10P 0.2S/10P 0.5/10P 0.5S/10P	10	10	10	15	2	5
	10						4.5	11
	15						6.3	15
	20						9.5	23
	30						12.6	31.5
	40						18	45
	50						22	55
	70						36	80
	100-200						50	90
	300-600						72	100
	800-1250						80	110
	1500-3150						100	130

额定一次电流(A) Rated primary current(A)	额定一次电流(A) Rated primary current(A)	准确级次组合 Accuracy class combination	额定输出(VA) Rated 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 peak)
LZZBJ9-10A5G	20,30,40,50,75,100	0.2/0.2/5P10 0.2/0.5/5P15 0.2/0.5/5P20 0.2/5P10/10P15 0.5/5P10/10P20	10/10/40 10/15/30 10/15/20 10/20/20 10/20/15	150I1n	375I1n
	150,200			31.5	80
	300,400			45	112.5
	500			63	130
	600,800	0.2/0.2/5P10 0.2/0.5/5P15 0.2/0.5/5P20 0.2/5P10/10P15 0.5/5P10/10P20	10/10/40 10/15/30 10/15/20 10/20/20 10/20/15	63	130
	1000,1200,1250	0.2/0.2/5P10 0.2/0.5/5P15 0.2/0.5/5P20 0.2/5P10/10P15 0.5/5P10/10P20	10/10/40 10/15/30 10/15/20 10/20/20 10/20/15	80	160
	1500	0.2/0.2/5P10 0.2/0.5/5P15 0.2/0.5/5P20 0.2/5P10/10P15 0.5/5P10/10P20	10/10/40 10/15/30 10/15/20 10/20/20 10/20/15	100	160
	2000				
	2500	0.2/0.2/5P10 0.2/0.5/5P15 0.2/0.5/5P20 0.2/5P10/10P15 0.5/5P10/10P20	10/10/40 10/15/30 10/15/20 10/20/20 10/20/15		
	3000,3150	0.2/0.2/5P10 0.2/0.5/5P15 0.2/0.5/5P20 0.2/5P10/10P15 0.5/5P10/10P20	10/10/40 10/15/30 10/15/20 10/20/20 10/20/15		

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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

外形及安装尺寸图 Outline and installation dimension

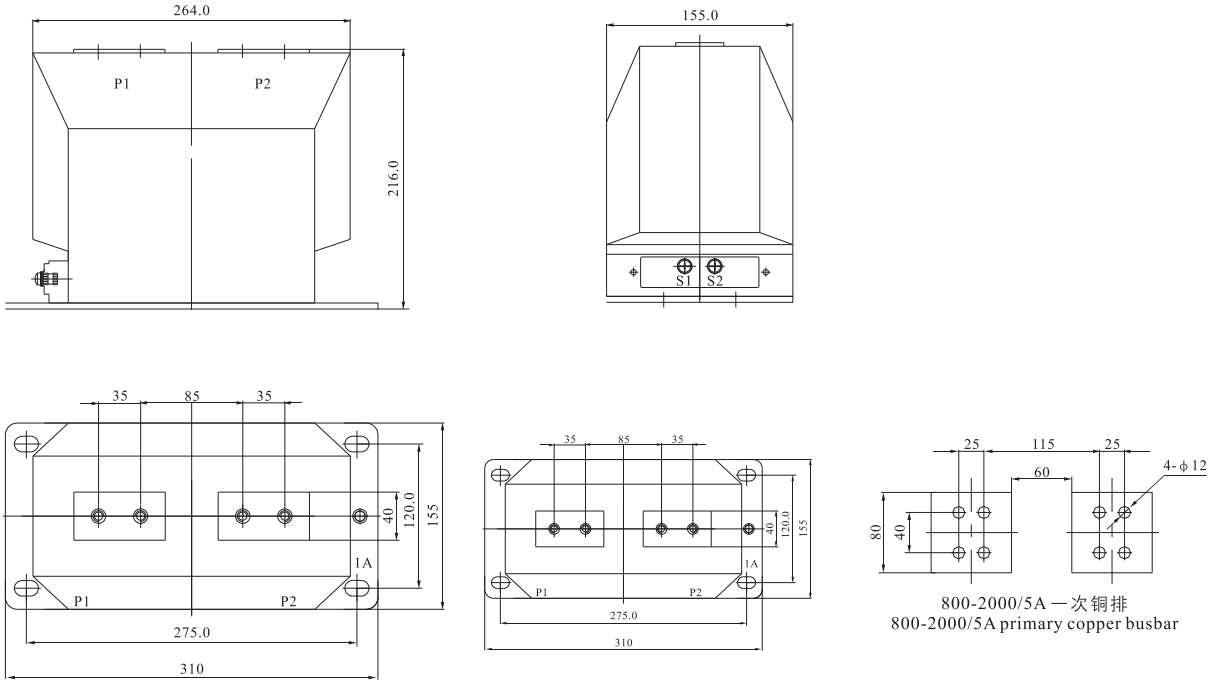


图1 LZZBJ9-10A 外形及安装尺寸
Fig 1 Overall and installation dimension of LZZBJ9-10A current transformer

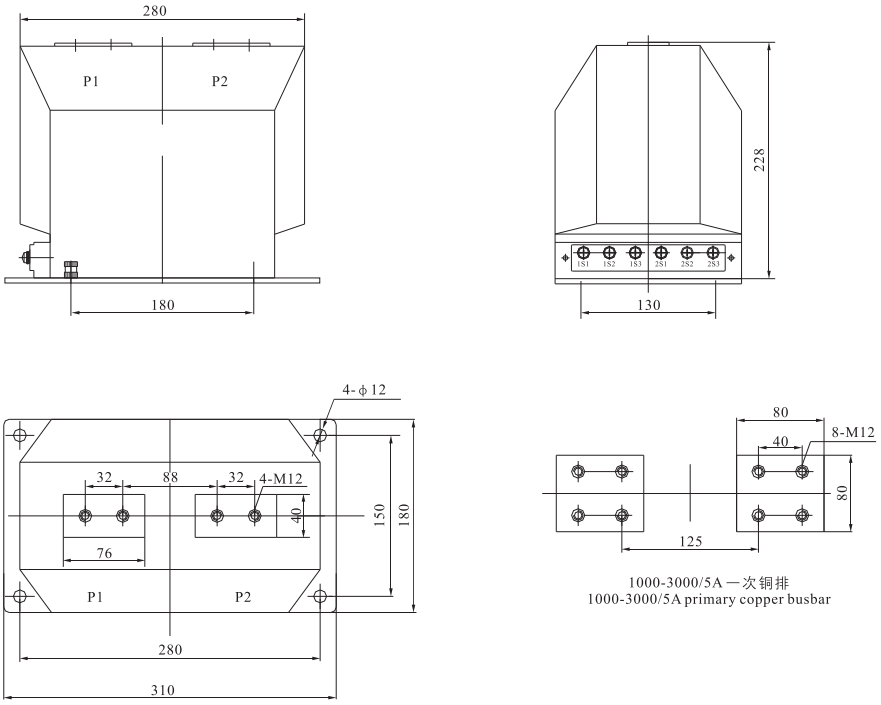


图4 LZZBJ9-10C 2外形及安装尺寸
Fig 4 Overall and installation dimension of LZZBJ9-10C 2 current transformer

外形及安装尺寸图 Outline and installation dimension

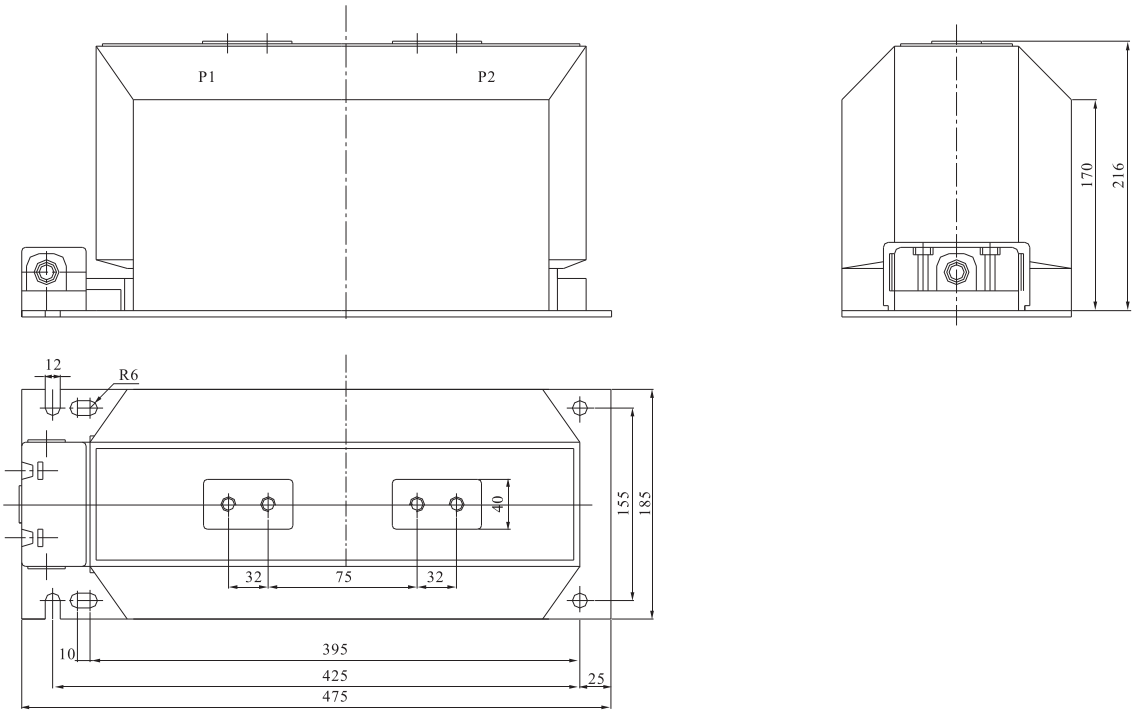


图5 LZZBJ9-10A5G 5-1000A 外形及安装尺寸
Fig 5 Overalland installation dimension of LZZBJ9-10A5G 5-1000A current transformer

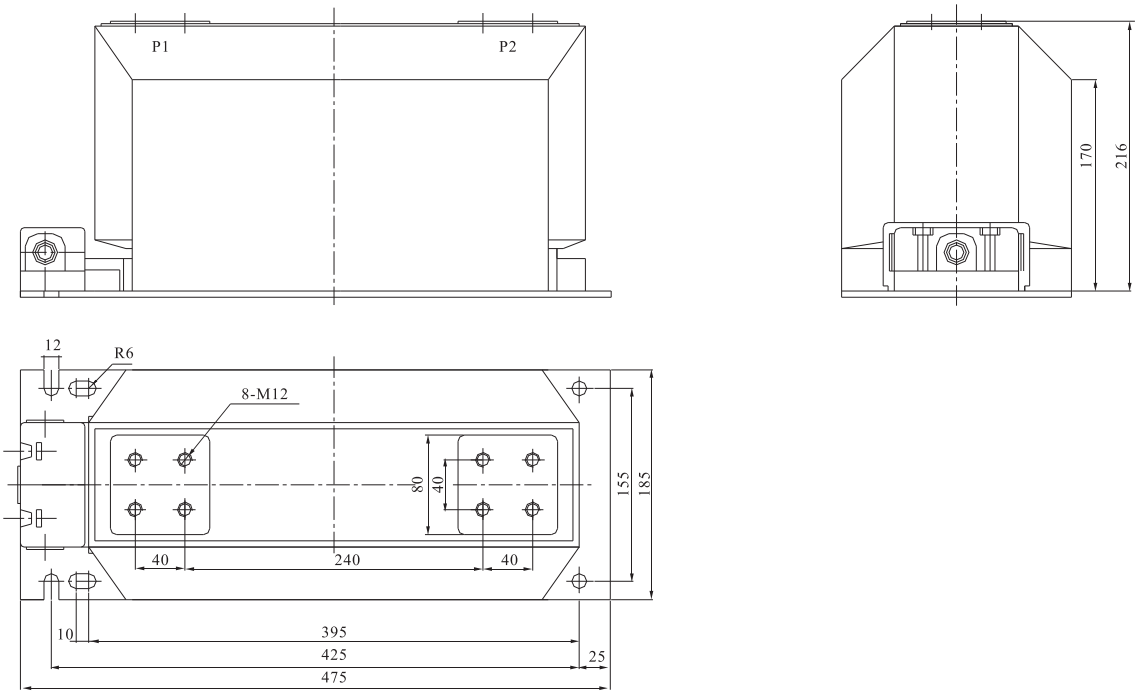
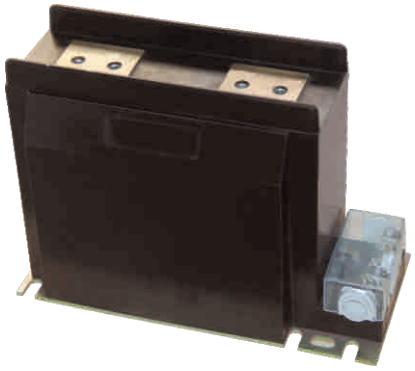


图6 LZZBJ9-10A5G 1200-3000A 外形及安装尺寸
Fig 6 Overall and installation dimension of LZZBJ9-10A5G 1200-3000A current transformer

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

LZZBJ18-10(G)/150, LZZBJ18-10/185 电流互感器
LZZBJ18-10(G)/150, LZZBJ18-10/185 Current transformer



概述 Summary

本系列电流互感器为环氧树脂真空浇注全封闭支柱式结构，采用先进的材料及工艺，适用于户内交流50-60Hz，额定电压为10、20kV的电力线路中作电流、电能的测量和继电保护使用，本产品为新一代高精度、高动热稳定、大容量型产品，二次绕组数量2~4个，可根据不同需要任意组合。

This series of current transformers is of epoxy resin vacuum casting fully-enclosed support-type, they adopt advanced materials and technology, they are used for current, power measurement and relay protection indoors alternate power system with frequency 50-60Hz, rated voltge 10KV and below. This series of products has the newest series super precision, super bynamic and thermal stability, large-capacity, number of secondary winding is 2-4, can be arbitrarily composed by different needs.

技术参数 Technical parameter

1. 额定绝缘水平: 10kV: 12/42/75kV
   20kV: 24/65/125kV
2. 负荷的功率因数：cos ϕ=0.8(滞后)
3. 额定二次电流：5A(或2A、1A)

1. Rated insulation level: 10kV: 12/42/75KV;
   20KV: 24/65/125KV
2. Power factor of load: cos ϕ=0.8 (lagging)
3. Rated secondary current: 5A(or 2A,1A)

LZZBJ18-10/150b/2型type

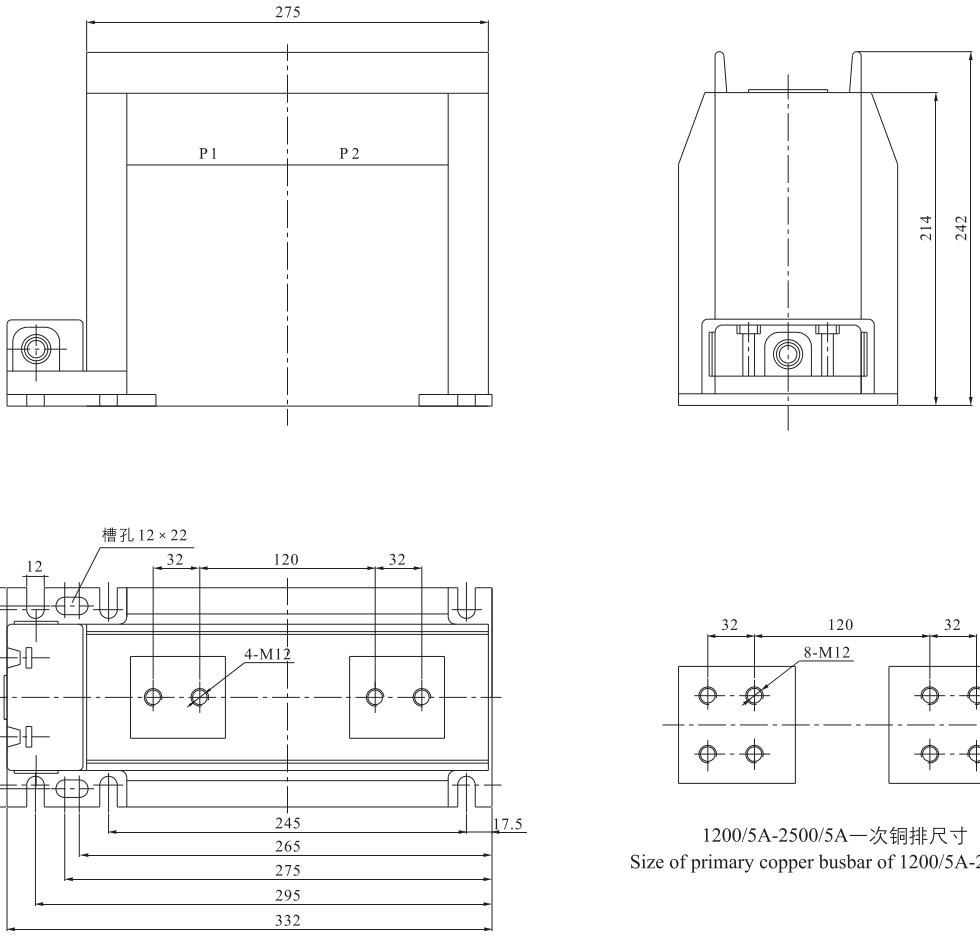
额定一次电流 Rated primary current (A)	1秒热电流 (kV有效值) 1s thermal carrent (kV virtual value)	动稳定电流 (kV峰值) Dynamic standing current (kV peak)	准确级组合(1S/2S) Accuracy class combination	额定二次输出(VA) Rated secondary output		
				0.2S	0.5	5P15(10P15)
20	2	5	0.2/0.5/10P10 0.2/0.5/5P10 0.5/0.5/10P10 0.2/0.2/10P10 0.5/0.5/5P10 0.2/0.2/5P10	10	10	15
30	3	7.5				
40-50	5.4	13.5				
75	8.1	20.2				
100	10.8	27				
150	16.2	40.5				
200	24.3	60.7				
300	37.8	94.5				
400	48.6	121.5				
500	63	150				
600-630					15	
800-1000	80	160				
1200						
1500	100	160				10

LZZBJ18-10/185h/2型type

额定一次电流 Rated primary current (A)	1秒热电流 (kV有效值) 1s thermal carrent (kV virtual value)	动稳定电流 (kV峰值) Dynamic standing current (kV peak)	准确级组合(1S/2S) Accuracy class combination	额定二次输出(VA) Rated secondary output				
				0.2S	0.2	0.5	5P10 10P10	5P15 10P15
10-40	150I th	375I th	0.2/0.2 0.2/0.5 0.2/10P 0.5/10P 0.2/5P 0.5/5P	10	10	15	20	10
50-100	150I th	375I th						
150-300	45	100						
400、500、600	63	130						
800-1000	80	160			15	20	30	15
1200-1600	80	160						
2000-3150	100	160						

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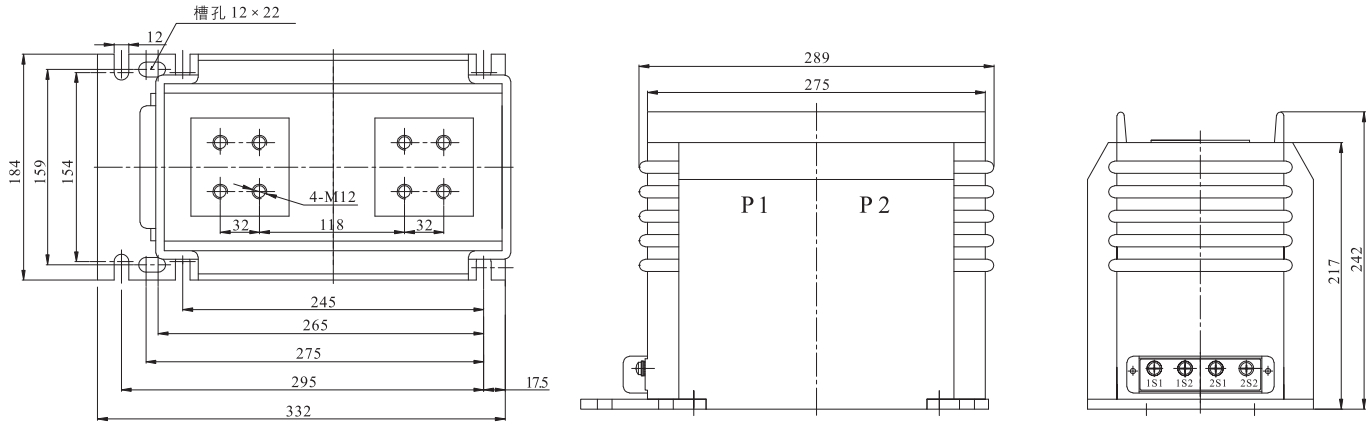
外形及安装尺寸图 Outline and installation dimension



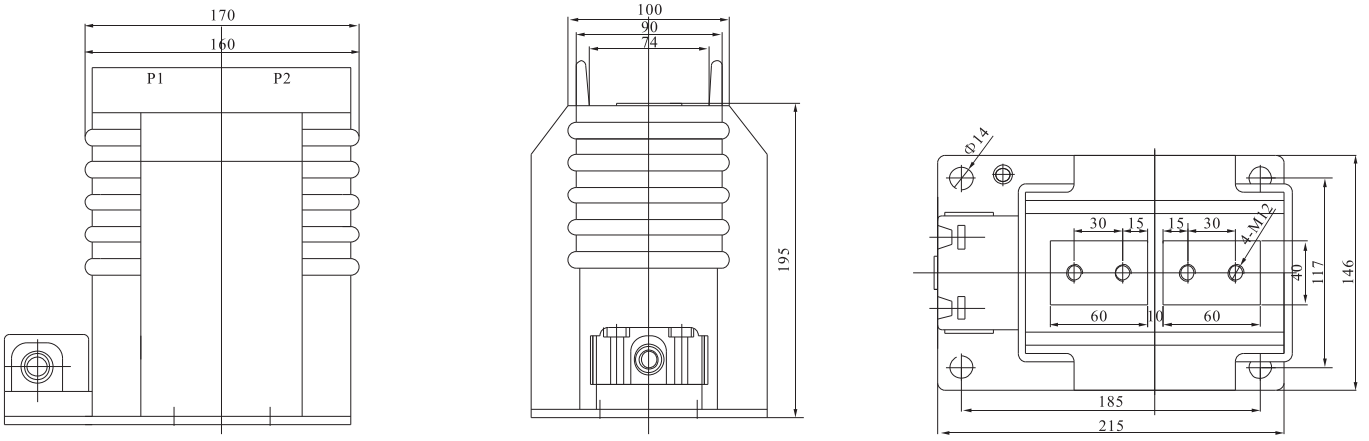
1200/5A-2500/5A一次铜排尺寸
Size of primary copper busbar of 1200/5A-2500/5A

LZZBJ18-10/150b/2型(等同于AS12/150b/2S)
LZZBJ18-10/150b/2 type (equivalent to AS12/150b/2S)

外形及安装尺寸图 Outline and installation dimension



LZZBJ18-10/185h/2型(等同于AS12/185h/2S)
LZZBJ18-10/185h/2 type (equivalent to AS12/185h/2S)



LZZBJ18-10 单绕组电器互感
JZZBJ18-10 Single-winding mutual inductance electrical

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

LM-6, 10 电流互感器
LM-6, 10 Current transformer



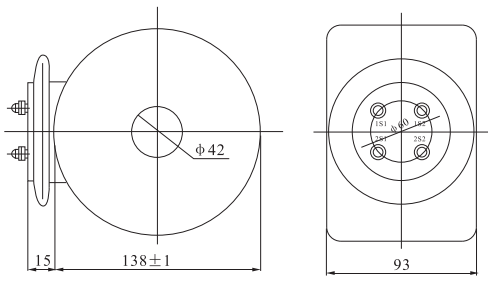
技术参数 Technical parameter

额定一次电流 Rated Primary current (A)	额定二次负荷 Rated secondary load(VA)		额定二次电流 Rated secondary current (A)	1秒热电流(kA有效值) 1s thermal current (kA effective)	动稳定电流(kA 峰值) Dynamic stability current (kA peak)
	1S,1S2 cos= ϕ 0.8	2S,2S2 cos= ϕ 1.0			
50	3.75	25	5	6	4*
100				12	4
150,200,300,400				16	5

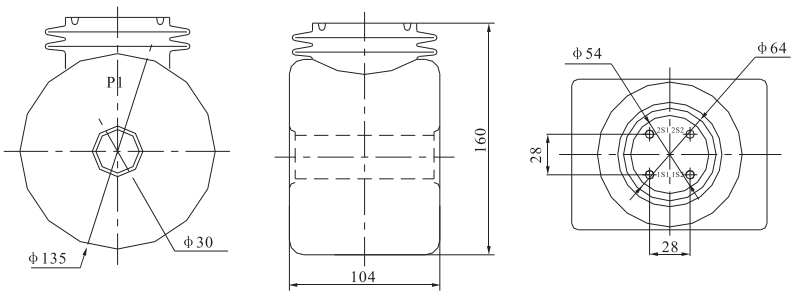
产品绝缘水平 Insulation level of the product

额定绝缘水平Rated insulation level:　7.2/32/60KV　12/42/75kV

外形及安装尺寸图 Outline and installation dimension



LM-6

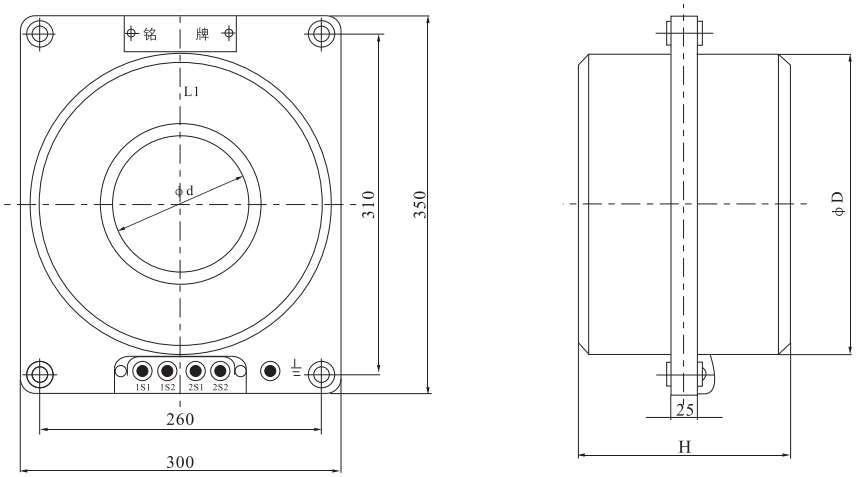


LM-10

LMZB6-10 电流互感器
LMZB6-10 Current transformer



外形及安装尺寸图 Outline and installation dimension



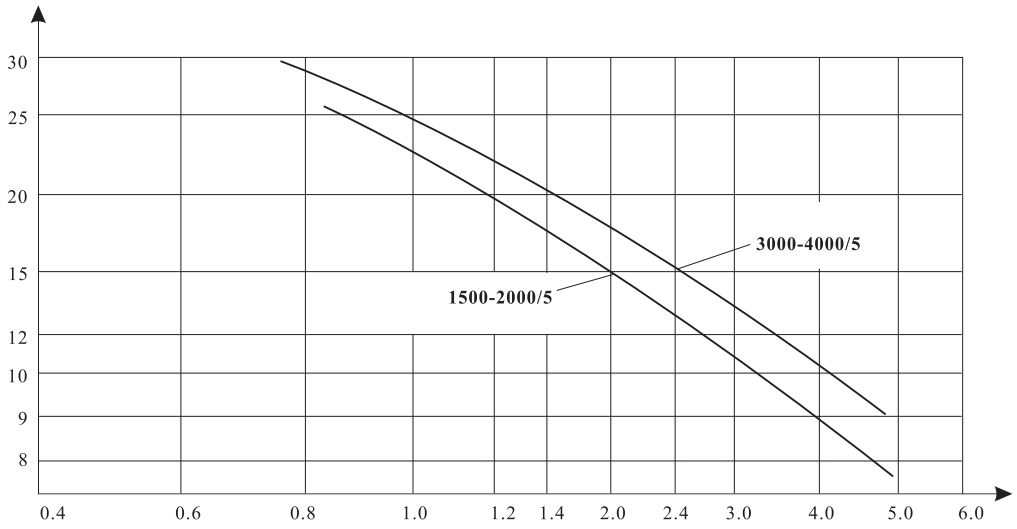
型号 Type	额定一次电流 Rated primary current (A)	准确级组合 Accuracy classes combination	ϕd (mm)	ϕD (mm)	H (mm)	重量 Weight (kg)
LMZB6-10	1500	0.5/10P 10P/10P	ϕ125	ϕ278	192	28
	2000					
	3000		ϕ160	ϕ286	243	
	4000					

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

技术参数 Technical parameter

型号 Type	额定电压 Rated voltage (kV)	额定一次电流 Rated primary current (A)	额定二次电流 Rated secondary current (A)	准确级组合 Accuracy classes combination	额定二次负荷 Rated secondary load(VA)		10P级准确限值系数 Accuracy limit factor for 10P
					0.5级 class	10级 class	
LMZB6-10	10	1500	5或1 5or1	0.5/10P 10P/10P	50	50	15
		2000					
		3000			60	60	
		4000					



额定绝缘水平:
Rated insulation level 12/42/75kV
10P级准确级限值系数与额定二次负荷的关系曲线如下图:
Relation curve of accuracy limit factor for 10P and rated secondary load is shown as follows:

LZZB8-20 电流互感器
LZZB8-20 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 GB20840.2-2014《电流互感器》标准。

The current transformer is casting resin and fully enclosed product. It is used for metering electric energy and current,relay protection in the relay protectio in the electrical system of rated frequency 50Hz or 60Hz and rated voltage 20kV. The transformers be executed according to the standards IEC44-1 and GB20840.2-2014

型号含义 Type designation

L Z Z B 8 - 20

- 20 — 电压等级 Voltage level(kV)
- 8 — 设计序号 Design No.
- B — 带保护级 With protection class
- Z — 浇注绝缘 Casting resin insulated
- Z — 支柱式 Post type
- L — 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 transformer is fully enclosed and post type.It is small and light .There are four fixing hole of 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

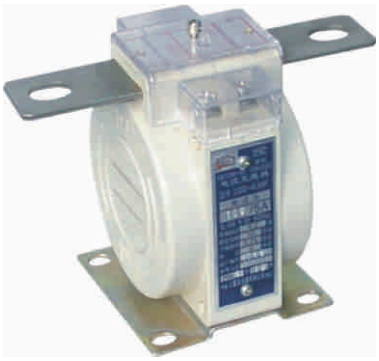
3、额定一次电流、准确级组合、额定输出及动、热稳定电流。
Rated primary current, accuracy combination, rated output, dynamic and thermal stability current.

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

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

LQG-0.66 电流互感器
LQG-0.66 Current transformer



概述 Summary

本型电流互感器为ABS塑壳绝缘户外母线式产品，供额定电压0.66kV及以下，额定频率为50Hz或60Hz的交流线路中电流、电能测量之用。

The current transformer is busbar type ABS plastic shell insulated outdoor products for 0.66kV rated voltage and below, rated frequency 50Hz or 60Hz AC line current, energy measurement purposes.

型号含义 Type designation

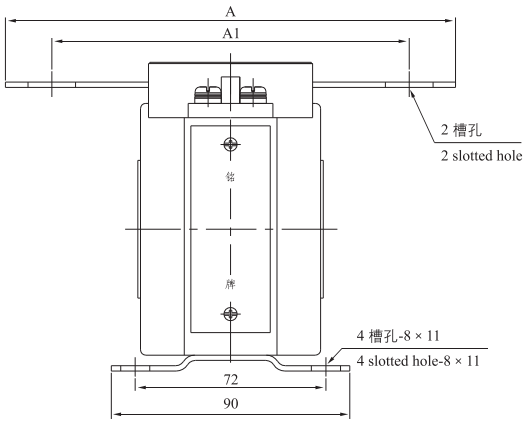
L Q G - 0.66

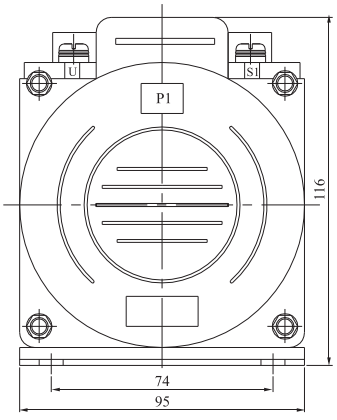
- 额定电压 Rated voltage(kV)
- 改进式 Modified type
- 线圈式 Coil type
- 电流互感器 current transformer

技术参数 Technical parameter

额定电压 Rated voltage: 0.66kV
额定频率 Rated frequency: 50Hz
额定一次电流 Rated primary current: 5-800A
准确级 Precision level: 0.2S, 0.2级(class)
二次输出 Secondary output: 10VA.

外形及安装尺寸图 Outline and installation dimension





电流比 Current ratio(A)	A	A1	槽孔 notch
5-300/5	165	125	13 × 18
400-600/5	205	165	ϕ 20
750-800/5	205	160	ϕ 13

HL 精密电流互感器
HL Precision current transformer







技术参数 Technical parameter

型号 Type	额定一次电流 Rated primary current(A)	额定二次电流 Rated secondary current (VA)	额定频率 Rated frequency (Hz)	准确级及额定输出 Accuracy class and rated output(VA)		额定绝缘水平 Rated insulation level(kV)
				0.2	0.1	
HL1	15,50,100,150, 200,300,600	5	50	5		0.5/3
HL1A	15,50,100,150, 200,300,600				5	
HL3	0.5,1,2,5, 10,20,25,50			10		
HL3A					10	

外形及安装尺寸图 Outline and installation dimension

型号 Type	额定一次电流 Rated primary current (A)	固定一次电流 Fixed primary current (A)	穿定一次电流 Cross primary current (A)	额定二次电流 Rated secondary current (VA)	额定频率 Rated frequency (Hz)	准确级及额定输出 Accuracy class and rated output (VA)		额定绝缘水平 Rated insulation level(kV)
						0.1	0.2	
HL23-1	0.5~2000	0.5,1,2.5,5, 10,25,50,100	150,200,250,300,400,500, 600,700,750,900,1000, 1200,1400,1500,1800,2000	5	50	5	10	1.5/3
HL23-3	15~1600	15,30,50,75	150,200,300,400, 600,700,800,1200, 1400,1600					
HL23-5	10~1500	0.25,0.5,1,2.5,5, 10,25,50,100	150,200,250,300,400,500, 600,700,750,900,1000, 1200,1400,1500,1800,2000					

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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

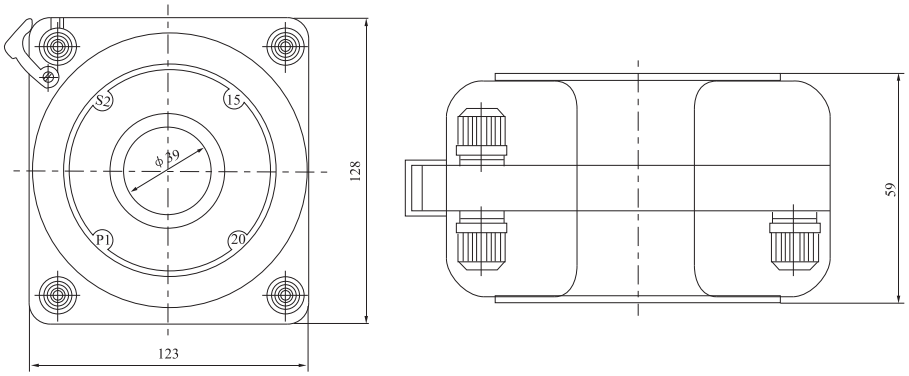


图1 HL1、HL1A外形尺寸图
Fig 1 Overall dimension of (HL1、HL1A) current transformer

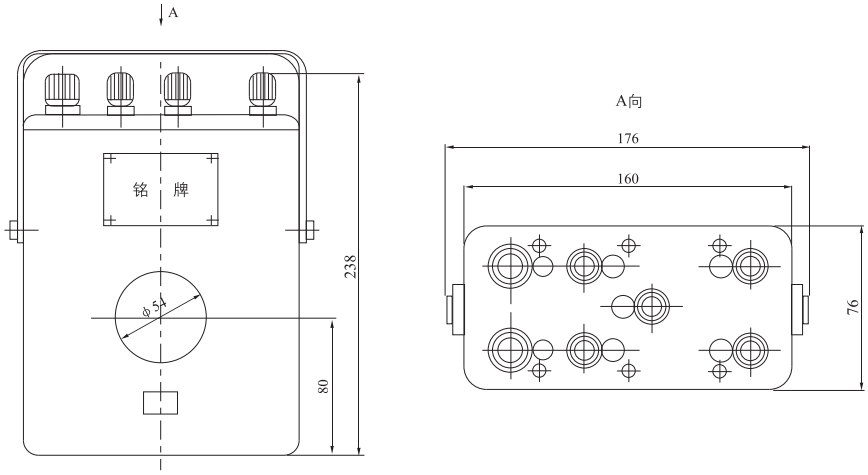


图2 HL24外形尺寸图
Fig 2 Overall dimension of HL24 current transformer

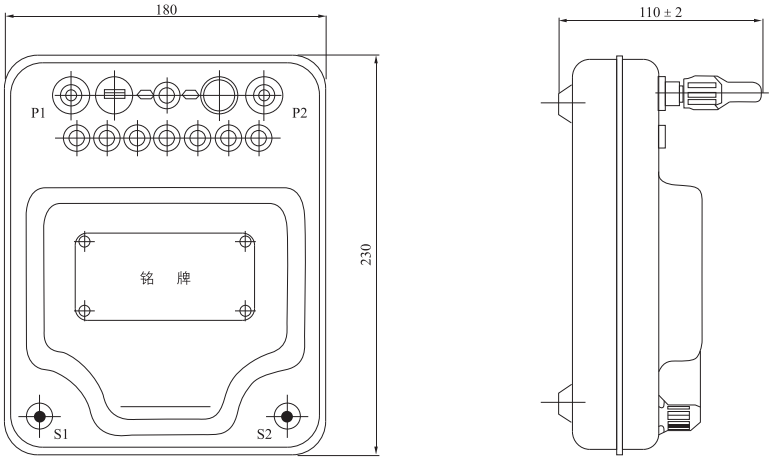
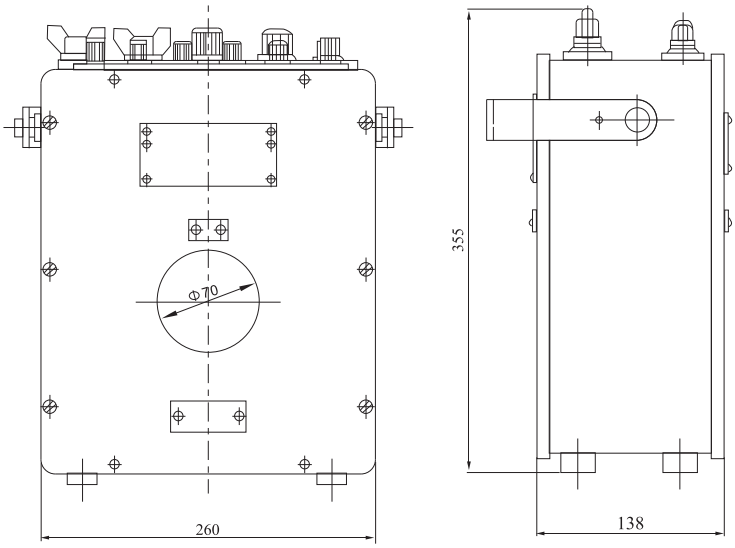


图3 HL3、HL3A外形尺寸图
Fig 3 Overall dimension of HL3、HL3A current transformer

外形及安装尺寸图 Outline and installation dimension



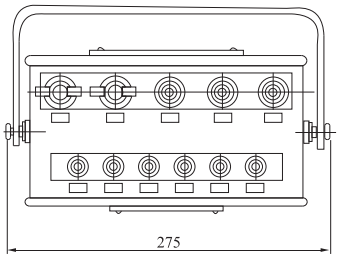
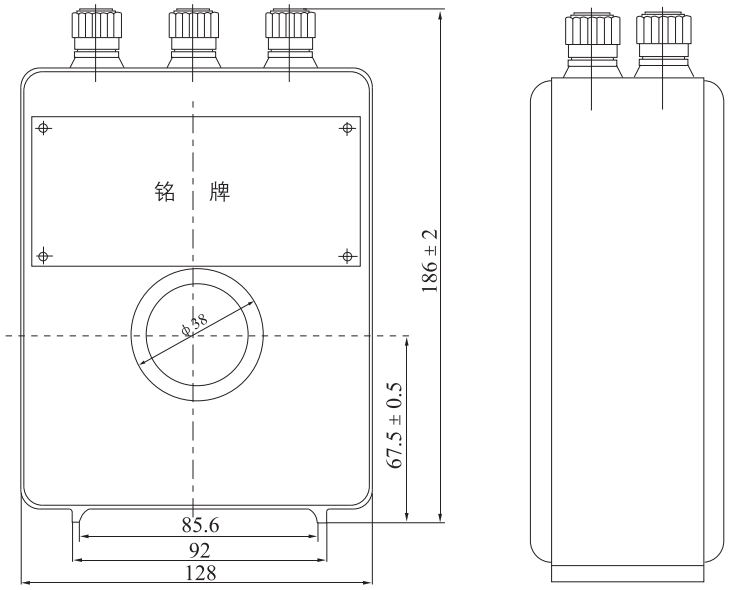


图4 HL23外形尺寸图
Fig 4 Overall dimension of HL23 current transformer



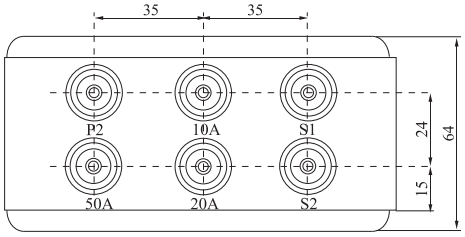


图5 HL23外形尺寸图
Fig 5 Overall dimension of HL23 current transformer

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

LMZ-0.5W 户外电流互感器
LMZ-0.5W Outdoor Current transformer





概述 Summary

本型电流互感器为环氧树脂浇注绝缘户外母线式产品，供额定电压0.5kV及以下，额定频率为50Hz或60Hz的交流线路中电流、电能测量之用。

This current transformer is an epoxy pouring insulation product of outdoor bus type used for measurement of current and electric energy in the AC circuit of rated voltage 0.5KV or below and rated frequency 50Hz or 60Hz.

型号含义 Type designation

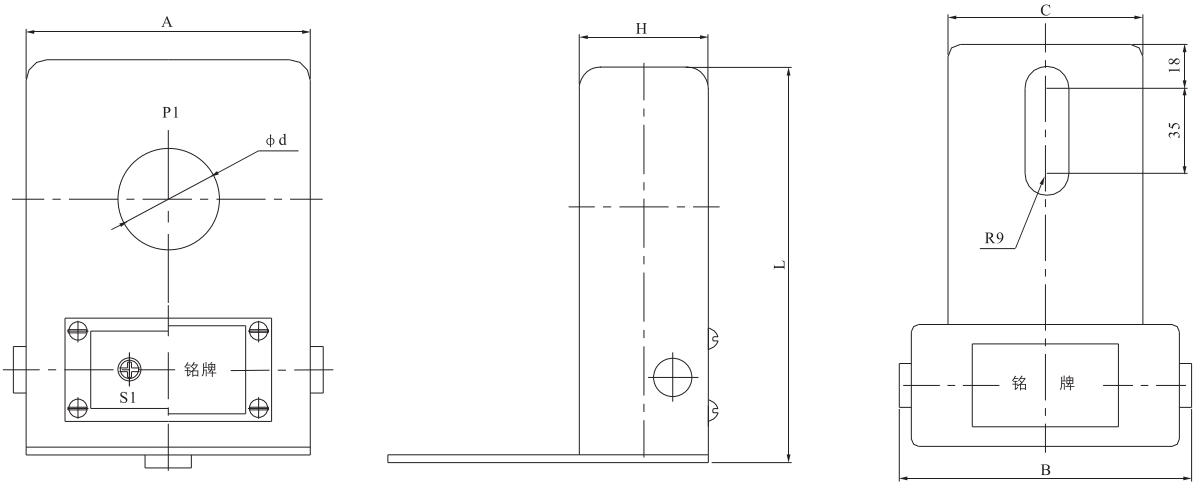
L M Z - 0.5 W

- W — 防污型 Dirt proof
- 0.5 — 额定电压 Rated voltage(V)
- Z — 固体“注”封绝缘 Solid cast sealing insulation
- M — 母线式 Bus- type
- L — 电流互感器 Current transformer

技术参数 Technical parameter

额定一次电流(A) Rated primary current(A)	额定一次安匝数 Rated primary ampere-turn	容量 Capacity(VA)		
		0.2	0.5	1
5、10、20、50、100	100	5	5	7.5
15、30、75、150	150			
200	200			
300	300			
400	400			
500	500	10	10	15
600	600			
800	800			
1000	1000			
1200	1200			

外形及安装尺寸图 Outline and installation dimension

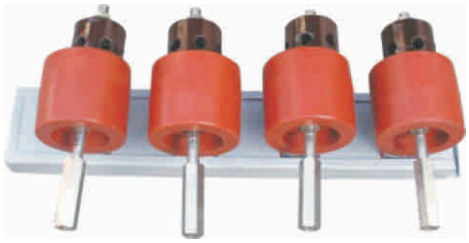


规格 Specification	A	B	C	L	H	ϕd
100-200/5	110	120	80	153	50	30
300-400/5	110	120	80	153	50	40
500-1200/5	140	150	100	200	50	75

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

LMZS1, 2-0.66 户外电流组合互感器
LMZS1, 2-0.66 Outdoor current combined transformer



概述 Summary

LMZS1. 2-0.66W型户外干式组合电流互感器(A、B、C三相)是一种新型防盗产品。该产品由三台或四台穿心电流互感器，防盗盒、导电杆、瓷绝缘件组成。

本产品可直接安装在变压器的二次导杆上，防盗盒固定在互感器上，其防盗盒采用全封闭式结构，既有防水功能，又有防窃电功能。

LMZS1. 2-0.66W type outdoor dry combinatined current transformer (A, B, C three phases) is a kind of new style the ftproof product. This product is made up of three or four transfixion current transformers, the ftproof box, leader and porcelain insulator.

This product may be installed directly on the secomdary leader of transformer, the the ftproof box is fixed on the transformer, this the ftproof box adopts full-seal structure, which can be against of water and stealing electricity.

型号含义 Type designation

L M Z S 1,2 - 0.66 W

- W — 户外型 Outdoor
- 0.66 — 额定电压 Rated voltage(kV)
- 1,2 — 设计序号 Design No
- S — 三相 Three-phase
- Z — 浇注绝缘 Pouring insulation
- M — 母线式 Bus type
- L — 电流互感器 Current transformer

技术参数 Technical parameter

变压器容量与所配互感器对照表(仅供参考)
The comparing table about the matched transformer and the capacity of voltage changer (only for reference)

变压器容量(kVA) Transformer capacity	二次输出(A) Secondary output	导杆直径(mm) Leader diameter	一次和相间距离(mm) Primary and phase-to-phase		所配互感器电流比(A) The current ratio of transformer
			S7	S9	
30	43.3	ϕ12	90	110	50/5
50	72.2				75/5
80	115.2				150/5
100	144.3				150/5
125	180				200/5
160	231				250/5
200	288.7				300/5
250	360.9	ϕ20	100	110	400/5
315	455				500/5
400	577		120		600/5

外形及安装尺寸图 Outline and installation dimension

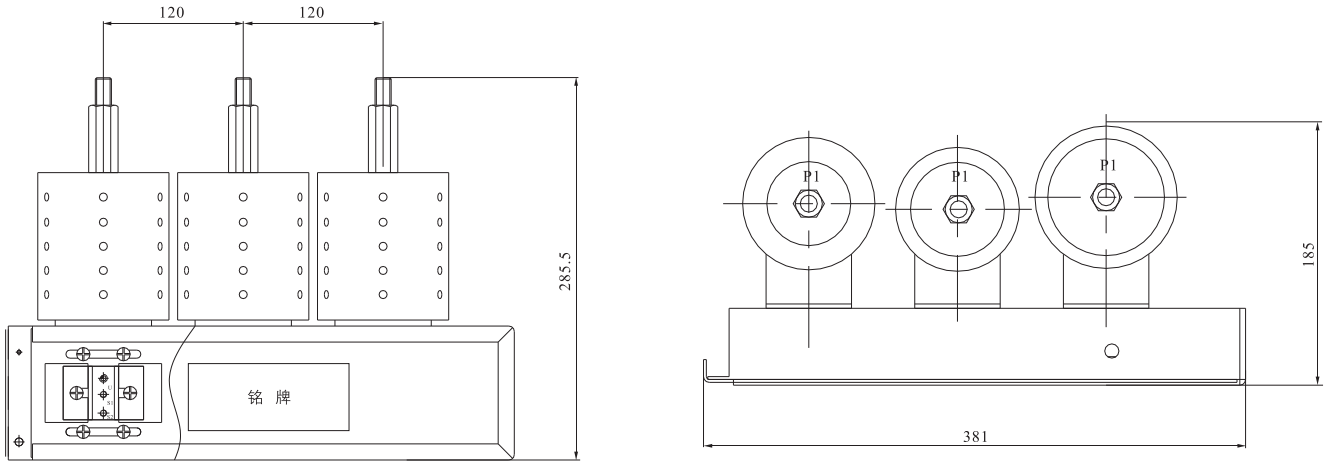


图1 LMZS-0.66W外形及安装尺寸图
Diagram1 Outline and installation dimension of LMZS2-0.66W外

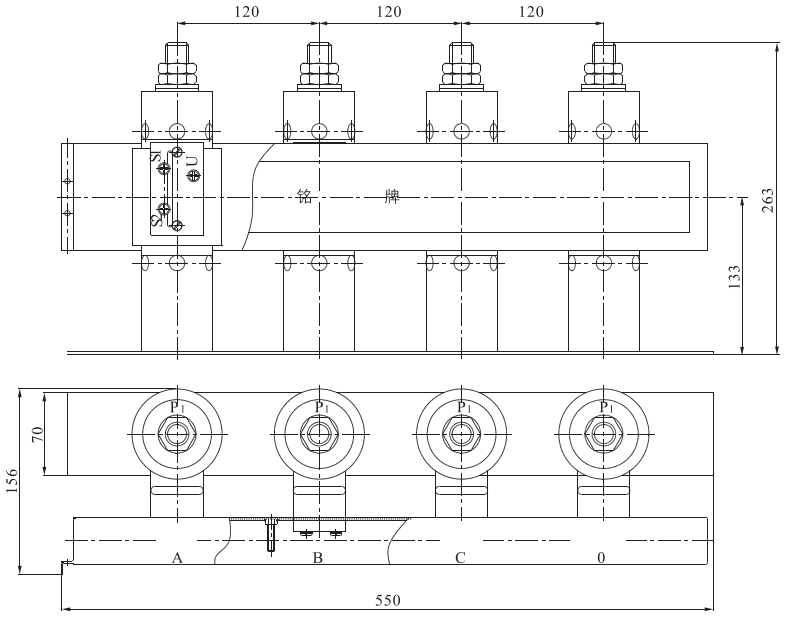


图2 LMZS2-0.66W外形及安装尺寸图
Diagram2 Outline and installation dimension of LMZS2-0.66W外

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

JDZ1/JDZ2-1/JDZ3-1 电压互感器
JDZ1/JDZ2-1/JDZ3-1 Voltage transformer





概述 Summary

本系列电压互感器为环氧树脂浇注绝缘接地型产品，适用于额定频率为50Hz或60Hz、额定电压为1kV及以下的电力系统中，作电能、电压的测量和继电保护用。

This series of casting resin insulated voltage transformer grounding products, rated frequency of 50Hz or 60Hz, rated voltage of 1kV and below the power system for energy measurement and relay protection voltage.

型号含义 Type designation

J D Z 1(2) - 1

- 额定工作电压 Rated voltage(kV)
- 设计序号 Design NO.
- 浇注成形 Casting forming
- 单相 Single-phase
- 电流互感器 Current transformer

结构特点Structural feature

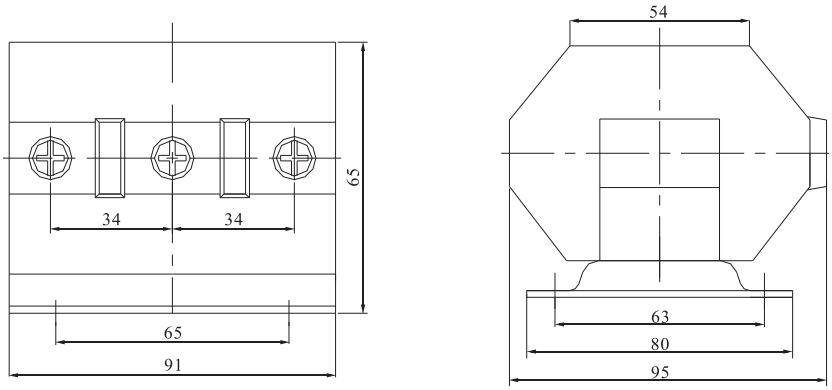
本型互感器为单相双绕组浇注式户内电压互感器。一、二次绕组浇注后，用“C”型铁心套在绕组中，用钢带扎成一整体。一、二次绕组分别在铁芯两侧的接线座上引出。名牌固定在产品的顶部，底部有安装板，供固定和安装用。

This type of transformer is a single-phase two winding pouring type indoor voltage transformer. After pouring the one or two winding, the "C" type iron core is sheathed in the winding, and the steel band is used as a whole. One or two windings are respectively in the iron core on both sides of the terminal block. The name plate is fixed on the top of the product, and the bottom is provided with a mounting plate for fixing and installing.

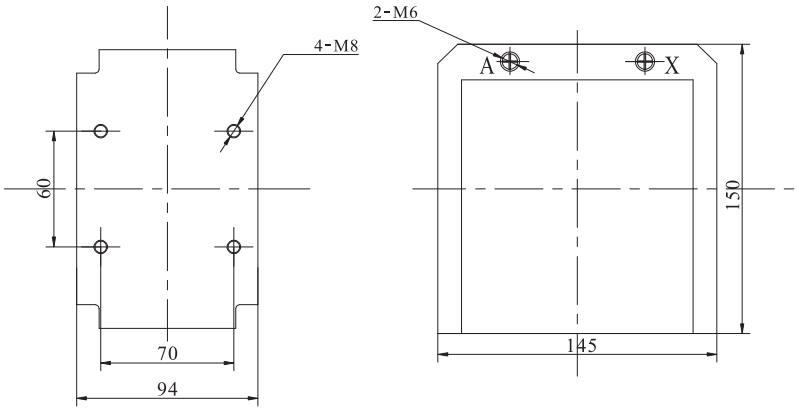
技术数据 Technical date

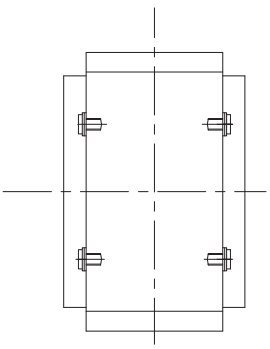
型号 Type	额定电压比 Rate voltage ratio(V)	频率 Frequency (Hz)	额定二次输出 Rated secondary output(VA)		最大输出 Max. Outpout(VA)	额定绝缘水平 Rated insulation level(kV)
			1级(Level 1)	3级(Level 3)		
JDZ1-1	660/100	50	5	5/10	30	6.6/3
	1140/100	50	5	5/10	30	1.14/3
JDZ2-1	380/100	50	5	5/10	30	3.8/3
	660/100	50	5	5/10	30	6.6/3

外形及安装尺寸图 Outline and installation dimension



JDZ1-1外形图及安装尺寸 Outline & installation size of JDZ1-1

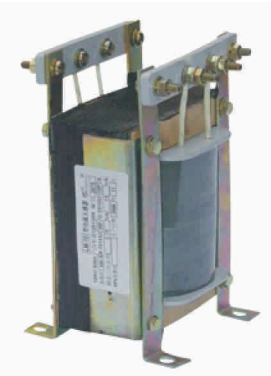


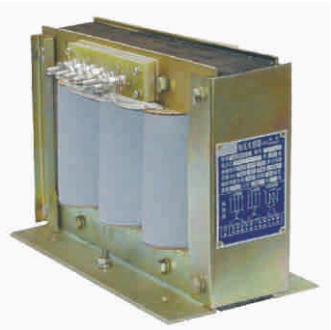


JDZ3－1外形图 Outline diagram of JDZ3－1

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JDG/JDG1/JDG4/JSGW-0.5 电压互感器
JDG/JDG1/JDG4/JSGW-0.5 Voltage transformer





概述 Summary

本产品电压互感器适用于额定频率为50Hz或60Hz、额定电压为0.5kV及以下的电力系统中，作电能、电压的测量和继电保护用。

This product is suitable for rated voltage transformer frequency of 50Hz or 60Hz, rated voltage of 0.5kV and below the power system for energy measurement and relay protection voltage.

技术数据 Technical date

型号 Type	额定电压比 Rate voltage ratio(V)	准确级及额定输出 Accuracy class and rated output(VA)				剩余电压绕组准确级及额定输出 Residual voltage winding class and rated output		频率 Frequency (Hz)	极限输出 Limit output (VA)	额定绝缘水平 Rated insulation level(kV)
		0.2	0.5	1	3	3P	6P			
JDG-0.5	200/100 220/100 380/100 500/100		25	40	100			50	200	0.5/3
JDG1-0.5 JDG4-0.5			15	25	50				120 100	
JSGW-0.5	$380/100/\frac{100}{3}$ $580/100/\frac{100}{3}$		50	80	250		40	50	340	0.5/3

外形及安装尺寸图 Outline and installation dimension

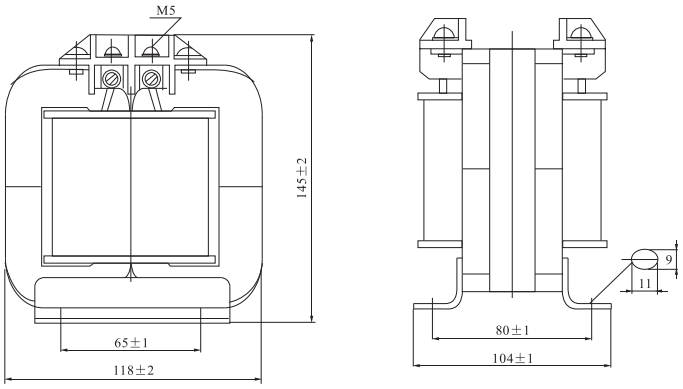


图1 JDG4-0.5外形及安装尺寸
Fig 1 Overall and installation dimension of (JDG4-0.5) current transformer

外形及安装尺寸图 Outline and installation dimension

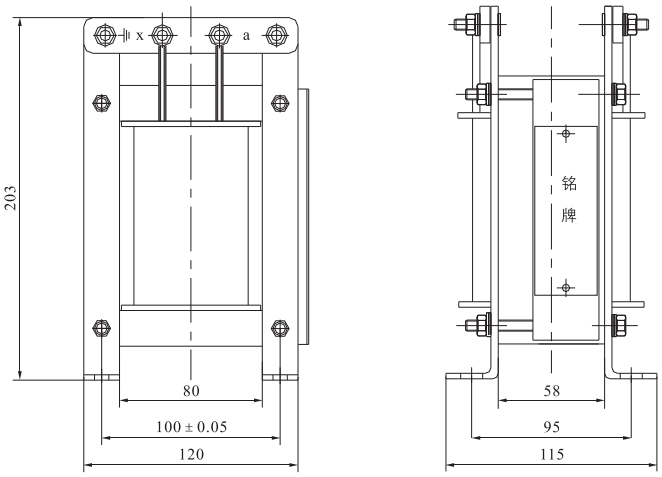


图2 JDG-0.5外形及安装尺寸
Fig 2 Overall and installation dimension of (JDG-0.5) current transformer

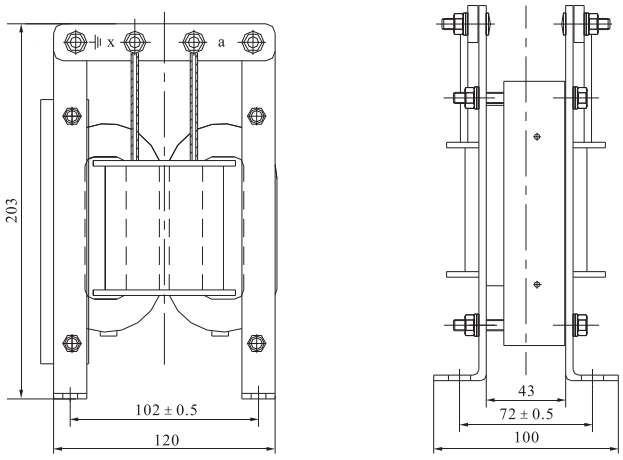


图3 JDG-0.5外形及安装尺寸
Fig 3 Overall and installation dimension of (JDG-0.5) current transformer

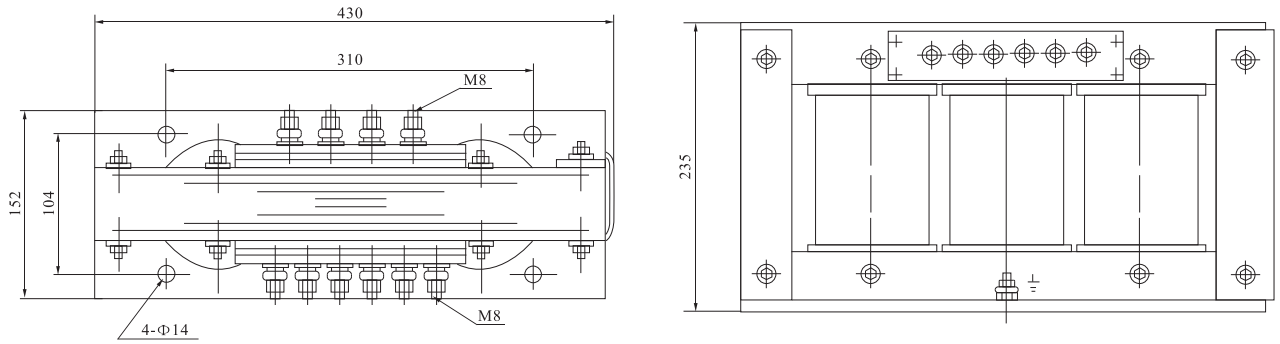


图4 JSGW-0.5外形及安装尺寸
Fig 4 Overall and installation dimension of (JSGW-0.5) current transformer

High voltage dry type current transformer

高压干式电流互感器



执行标准
Carry out in accordance with standards

GB20840.2-2014《电流互感器》
GB20840.2-2014 Current transformer
IEC185《电流互感器》
IEC185 Current transformer

LFZB8-6, 10(A, B) 电流互感器
LFZB8-6, 10(A, B) Current transformer

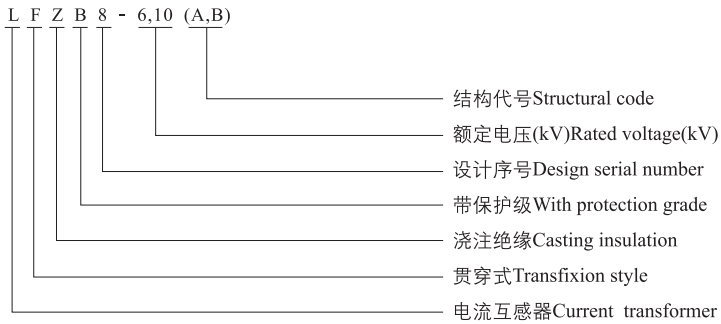


概述 Summary

LFZB8-6、10(A、B)型电流互感器为环氧树脂真空浇注全封闭穿墙式结构。供户内额定频率50Hz、额定电压10kV及以下的电力系统中作电流、电能测量和继电保护之用。是专为取代LA-10、LAJ-10、LFZ1-10、LFZ2-10、LFZJ1-10、LFZS-10、LFZ-10G等老产品而设计的，为安装接线方便，一次出线方式分为A型、B型两种，可根据需要选择。

LFZB8-6,10(A、B) current transformer adopts the structure of epoxy resin vacuum casting full-seal transfixion, it is applied to testing the current & power and protecting on the relay in the indoor power system with rated frequency 50Hz. and rated voltage 10kV and below., Specially replaces these old products such as LA-10,LAJ-10,LFZ1-10,LFZ2-10,LFZJ1-10,LFZS-10,LFZ-10G etc. in order to bring the convenience for installation, its one-time connection way is designed into A style and B style, and may be selected according to requirements.

型号含义 Type designation



技术参数 Technical parameter

单变比短时热电流见表(见表1) Single-transformetion ratio & short-time thermal current (table 1)

额定一次电流 Rated primary current	15	20	30 40	50 60	75	100	150 200	300 400	500 600	800	1000
1秒钟热电流(KA有效值) One-second thermal current (kA virtual value)	2	3	5	10	16	20	31.5	40	63	80	100
动稳定电流(KA有效值) Dynamic stable current (kA virtual value)	5	7.5	12.5	25	40	50	78	100	157	200	250

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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

外形及安装尺寸图 Outline and installation dimension

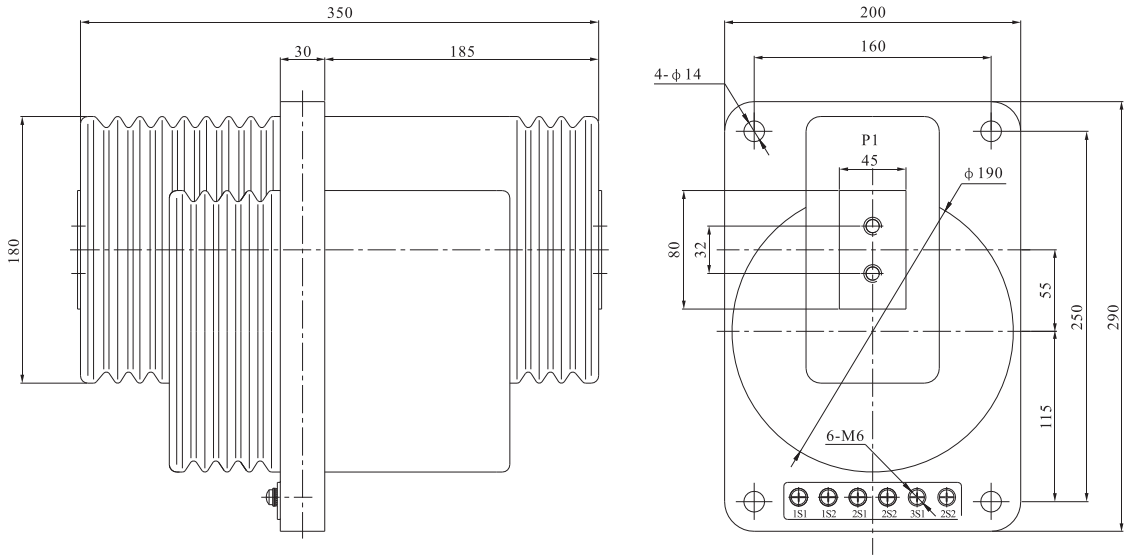


图1 LFZB8-6、10(A)外形及安装尺寸图
Diagram1 Outline and installation dimension of LFZB8-6,10(A)

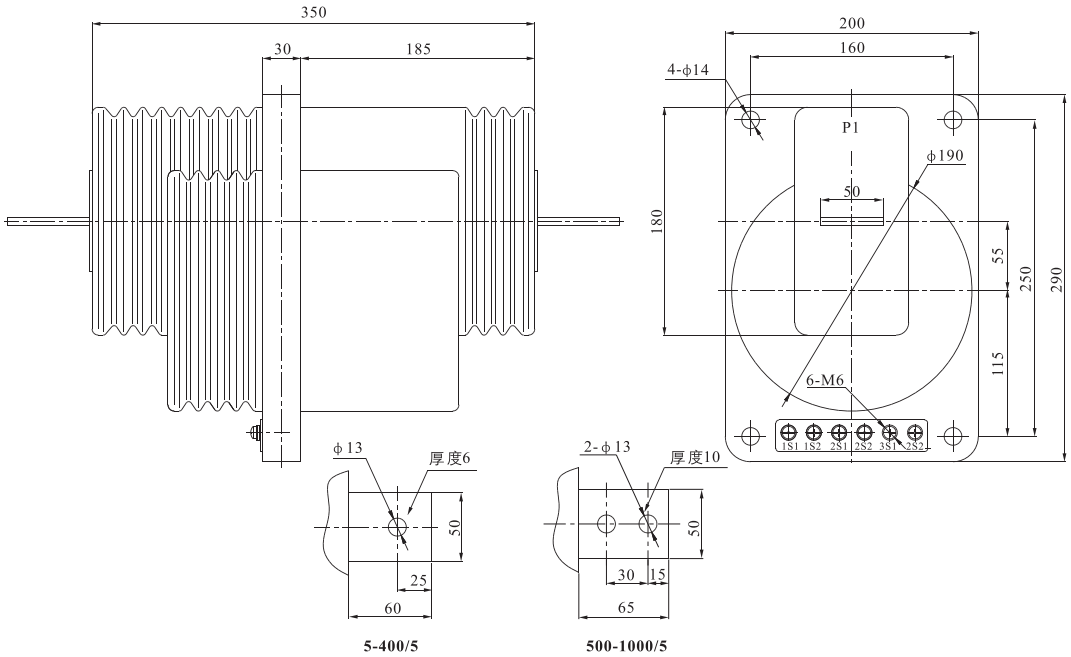
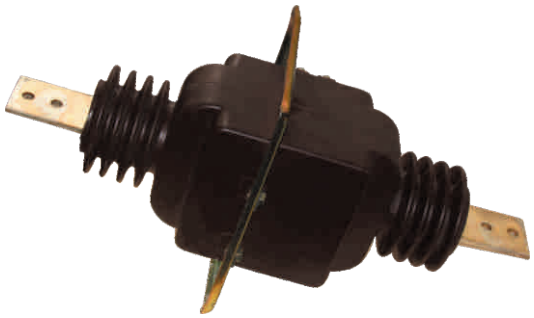


图2 LFZB8-6、10(B)外形及安装尺寸图
Diagram2 Outline and installation dimension of LFZB8-6,10(B)

LAZBJ-10 型电流互感器(等同于LAJ-10Q)
LAZBJ-10 Model current transformer(equivalent to LAJ-10Q)



概述 Summary

LAZBJ-10型电流互感器适用于户内10kV、50Hz交流电力系统中作电流、电能测量及继电保护用。

LAZBJ-10 current transformer is mainly applied in 10KV, 50Hz indoor AC power system for current or electric power measurement and relay protection.

型号含义 Type designation

L A Z B J - 10

- 额定电压(kV)Rated voltage(kV)
- 加强型 Reinforced
- 带保护级With protection grade
- 浇注成型固体Cast solid
- 穿墙式Wall-through type
- 电流互感器Current transformer

技术参数 Technical parameter

1. 额定电压: 10kV;
2. 额定频率: 50Hz;
3. 额定一次电流: 5、10、15、20、30、40、50、75、100、150、200、300、400、500、600A;
4. 额定二次电流: 5A;
5. 准确级次组合: 0.2/10P15、0.5/10P15;
6. 额定输出(COSφ-0.8滞后)，(1S)0.2级为10VA、0.5级为10VA、2(S)10P级为15VA;
7. 额定绝缘水平: 12/42/75kV;
8. 局部放电水平: 视在放电量≤20pC;
9. 额定短时热电流和额定动稳定电流:

1. Rated voltage: 10kV
2. Rated frequency: 50Hz
3. Rated primary current: 5, 10, 15, 20, 30, 40, 50, 75, 100, 150, 200, 300, 400, 500, 600A
4. Rated secondary current: 5A
5. Combination of accuracygrade:0.2/10P15,0.5/10P15
6. Rated output(COSΦ=0.8 lagged), (1S) 10VA for 0.2 grade and 0.5 grade, 2(S) 15VA for 10P grade.
7. Rated insulation: 12/42/75kV
8. Part discharge: apparent discharge capacity not more than 20Pc
9. Rated short-time heat current and rated dynamic stable current:

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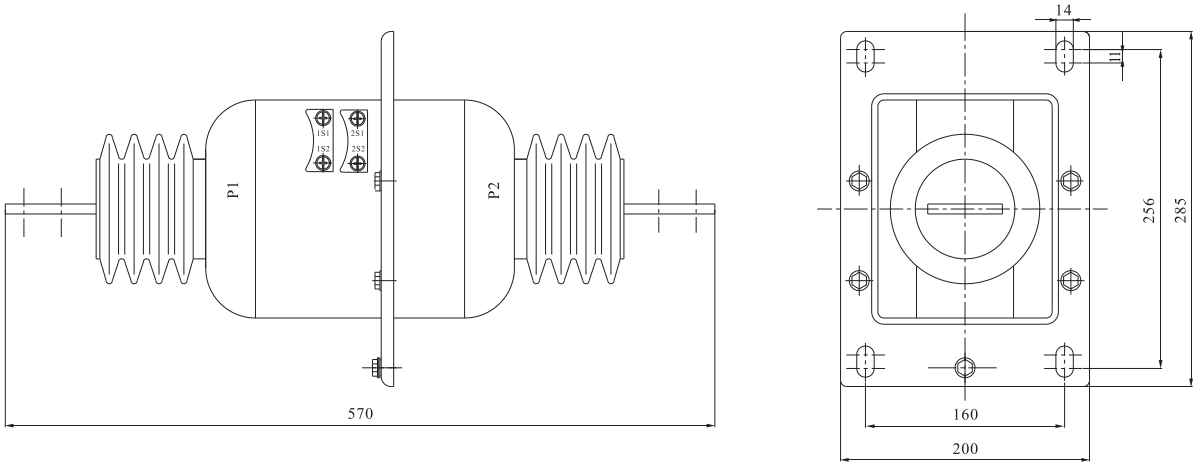
额定一次电流 Rated primary current（A）	额定短时热电流(方均根值) Rated short-time thermal current (rms value)	额定动稳定电流(峰值) Rated dynamic current (peak value) (kA)
5~200	90 lpn	200 lpn
300~400	24.5	44
500~600	32	80

结构 Construction

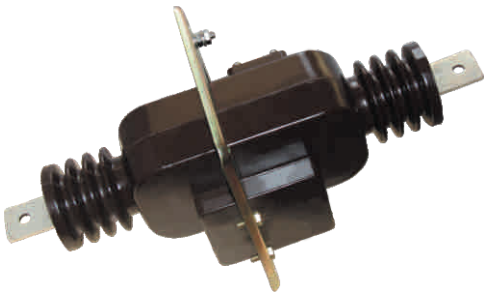
该型电流互感器采用环氧树脂全封闭浇注结构，将互感器的一次绕组、二次绕组及铁心浇注在一起，具有优良的绝缘性能和防潮性能。

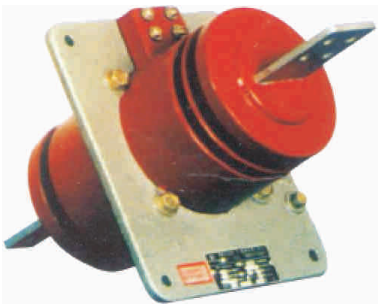
This current transformer adspts epoxy resin full-seal casting type, and casts the primary winding, secondary winding and iron core together, with good insulation and moisture proof.

外形及安装尺寸图 Outline and installation dimension



LA(J)-10(Q) 电流互感器(等同于 LFZ(J)-10 LFZB(J)-10)
LA(J)-10(Q) Model current transformer(equivalent to LFZ(J)-10 LFZB(J)-10)





概述 Summary

本系列电流互感器为穿墙式环氧树脂浇注绝缘产品，适用于额定频率50Hz或60Hz，额定电压10KV及以下的电力系统中，作电能计量、电流测量和继电保护用。

The current transformer of the type LAJ-10(Q) is casting resin, fully enclosed and wall through product. It is used for metering electric energy and current, relay protection in the electrical system of rated frequency 50Hz or 60 Hz and rated voltage 10kV and below.

型号含义 Type designation

L A J - 10 Q

- Q — 加强绝缘 Reinforced insulation
- 10 — 电压等级 Voltage grade, kV
- J — 加大容量 Increasing capacity
- A — 穿墙式 Wall through type
- L — 电流互感器 Current transformer

技术参数 Technical parameter

1、额定绝缘水平: 12/42/75KV
2、额定二次电流: 5A； 准确级: 0.5/10P 10P/10P
3、额定一次电流、准确级组合、额定输出及额定动、热稳定电流见表
4、污秽等级： 全工况产品符合Ⅱ级污秽要求。

1、Rated insulation level: 12/42/75KV
2、Rated secondary current: 5A; Accurate Grade: 0.5/10P 10P/10P
3、Refer to table for rated primary current, accuracy class combination, rated output, rated dynamic and thermal current
4、Antipollution class: The full operating mode product accords to the request of Ⅱ class.

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型号 Model	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 thermo-current (KA virtual value)	额定动稳定电流 (KA有效值) Rated Dynamic stability Current (KA virtual value)
			0.2	0.5	10P10	10P15		
LA-10 LA-10Q	5~200	0.5/10P10	10	10	15		90I1n	160I1n
	300						22.5	40.5
	400						30	55
	500							
	600							
	800						40	72
	1000						50	90
LAJ-10Q	5~300	0.2/10P15 0.5/10P15	10	15		15	120I1n	215I1n
	400						30	55
	500~600			20		25		
	800						40	72

外形及安装尺寸图 Outline and installation dimension

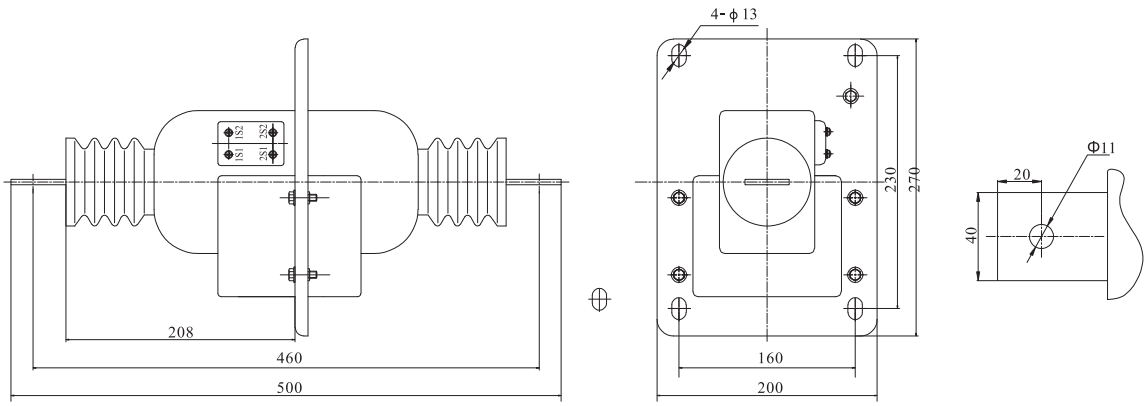
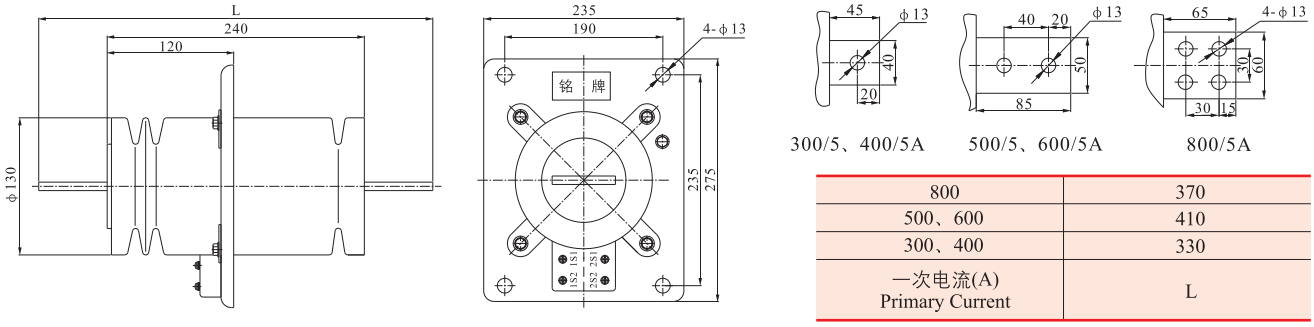


图1 LA-10Q 5-250/5外形及安装尺寸图
Fig.1 Outline and installation dimension of LA-10Q 5-250/5

外形及安装尺寸图 Outline and installation dimension



一次电流(A) Primary Current	L
800	370
500、600	410
300、400	330

图2 LA-10Q 300-800/5外形及安装尺寸图
Diagram2 Outline and installation dimension of LA-10Q 300-800/5

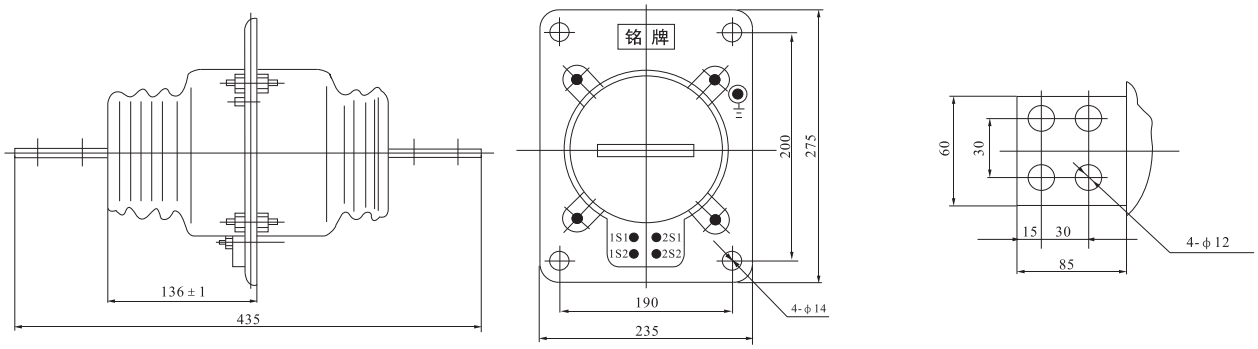


图3 1000/5A外形及安装尺寸图
Diagram3 Outline and installation dimension of 1000/5A

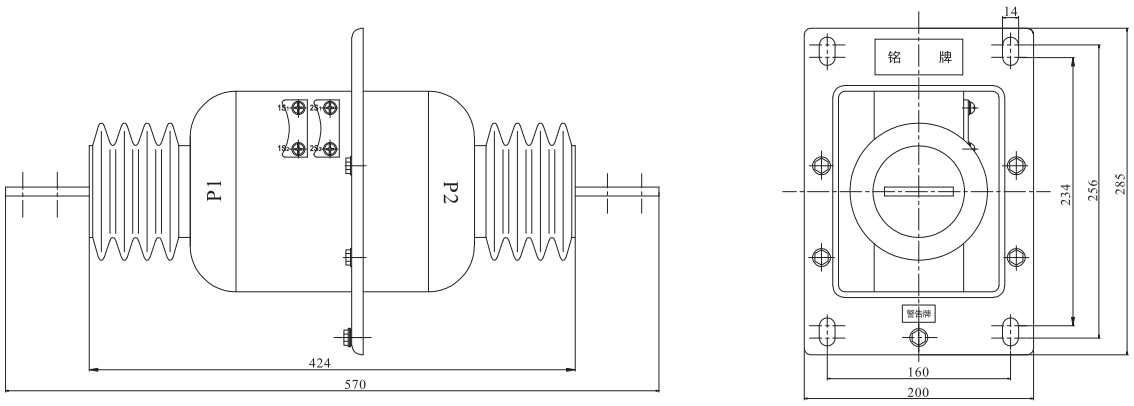
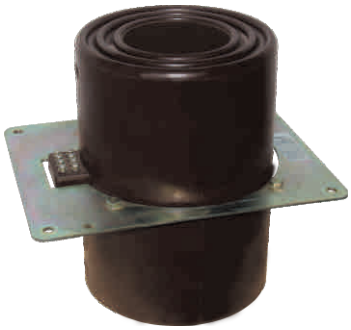


图4 LAJ-10Q 5-300/5外形及安装尺寸图
Diagram4 Outline and installation dimension of LAJ-10Q 5-300/5

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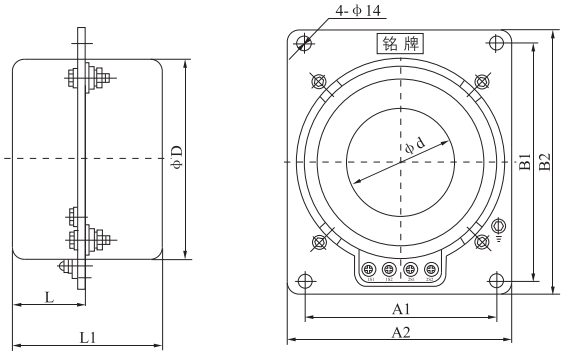
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LAJ-10 电流互感器
LAJ-10 Current transformer





外形及安装尺寸图 Outline and installation dimension



I In(A)	L1	L	ϕD	ϕd	A1	A2	B1	B2
1000	240	120	190	90	240	285	280	320
1200-2000	270	160	235	130	255	312	305	356
3000	220	100	295	170	300	340	380	425
4000	320	170	300	170	300	340	380	420
5000	240	110	353	230	380	420	437	476
6000	230	102	428	305	435	474	480	520

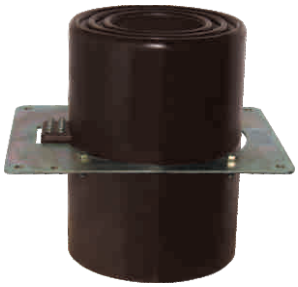
LAJ-10 图1 1000~6000/5外形及安装尺寸
Fig 1 Overall and installation dimension drawing of 1000-6000/5 current transformer

技术参数 Technical parameter

型号 Type	额定电流比 Rated current ratio (A)	级次组合 Accuracy classes combination	准确级及额定输出 Accuracy class and rated output(A)				保护级 Protective class	
			0.2级 Class	0.5级 Class	1级 Class	3级 Class	额定输出 Rated output (VA)	准确级及准确限值系数 Accuracy class and accuracy limit factor
LAJ-10	1000、1200、1500/5	0.5/10P 1/10P 10P/10P	15	30	30		30	10P 15
	2000、3000、4000/5			40	40		40	
	5000/5							
	6000/5							

LMZBJ-10Q, LMZ1-10(Q), LMZJ1-10(Q) 母线式电流互感器
LMZBJ-10Q, LMZ1-10(Q), LMZJ1-10(Q) Bus type current transformer





概述 Summary

LMZBJ-10Q为环氧树脂浇注全封闭绝缘全工况母线式电流互感器，供额定频率为50Hz，额定电压为10kV的交流线路中作电流、电能电功率测量及继电保护之用。

LMZBJ-10Q is an all work-condition bus type current fransformer with epoxy casting whole sealing insulation used for measurement of current and electric energy power as well as relay protection in the AC circuit of rated frequency 50Hz and rated voltage 10KV.

型号含义 Type designation

L M Z B J - 10 Q

- Q 加强型Reinforced type
- 10 额定电压 Rated voltage(kV)
- J 加大容量 Increased capability
- B 带保护 With protection
- Z 浇注式绝缘 Casting insulation
- M 母线式Bus 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 GB20840.2-2014 Current Transformer.

额定绝缘水平

Rated insulation level: 12/42/75kV

负荷功率因数

Load power factor: cos ϕ=0.8(滞后 Lag)

额定频率

Rated frequency: 50Hz

额定二次电流

Rated secondary current: 5A(1A或2A)

表面爬距满足Ⅱ级污秽地区。

Surface creepage distance meets polluted area grade Ⅱ.