

LCT-2, 3, 4, 7 零序电流互感器**LCT-2, 3, 4, 7 Zero-sequence current transformer****概述 Summary**

本型零序电流互感器具有高精度、线性度好、运行可靠、安装方便等特点，特别是本型互感器也能适应于零序电流在1A、2A的系统，而一般零序互感器则不能胜任，外形设计为两中圆结合形，美观合理，结构新颖，适用于电力、冶金、煤炭、石油、化工、建材等行业的供电系统中使用。

This zero-sequence current transformer has such characteristics as high precision, good linearity, reliable operation, easy installation, especially this transformer can be applied to system of zero-sequence current 1A and 2A while conventional zero-sequence transformer can not. The exterior design is two central-circle combined type, novel structure, beautiful and reasonable. The products can be used for power supply system in the fields of electric power, metallurgy, coal, petroleum, chemical industry, building material and other industries.

技术参数 Technical parameter

1. 使用环境 Operating environment

a. 环境温度 Environmental temperature: -20℃~50℃;

b. 相对湿度 Relative humidity: ≤90%

c. 大气压力 Atmospheric pressure: 80kpa~200Kpa;

2. 交流电压 AC voltage: 66kV~4000kV;

3. 零序电流 Zero-sequence current:

一次侧1~36A(36A以上定做，二次侧20~30mA) Primary side~36A (customize for 36A or above, secondary side 20~30mA)

4. 电网频率 Electric network frequency: 50Hz;

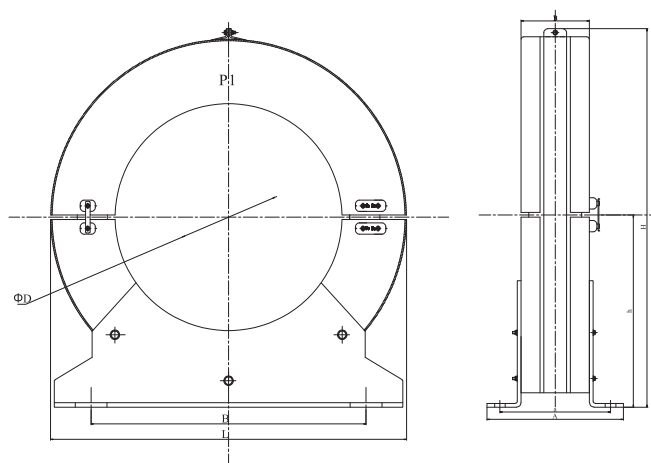
5. 与ML98装置用接线端子--选用说明 The terminal used with ML98 device-using explanation;

系统一次零序电流(A) System primary zero-sequence current	选用端子 Selected terminal
$1 \leq I_0 < 6$	S1、S2
$6 \leq I_0 < 12$	S1、S3
$12 \leq I_0 < 36$	S1、S4

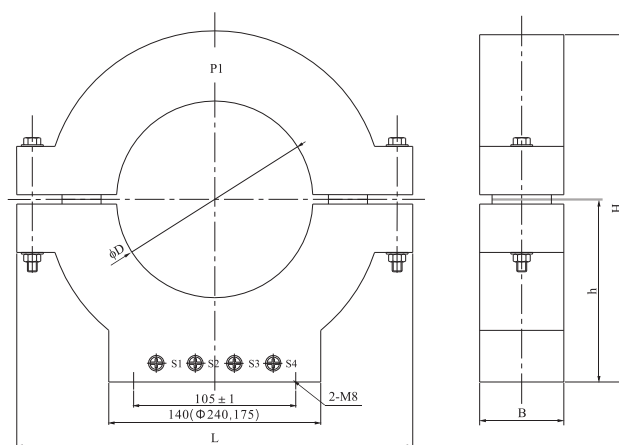
6. 二次负荷 Secondary load: ≤2.5Ω



外形及安装尺寸图 Outline and installation dimension

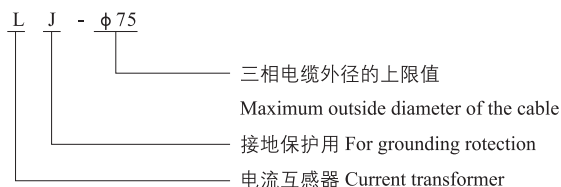


型号 Type	内孔 ϕ D Bore ϕ D	宽度L Width L	高度H Height H	中心高度h Center height h	厚度B Thickness B	厚度B Thickness B	安装尺寸 Mounting size(mm)
LCT-7	ϕ 185	280	348	205	60	145	147 × 94
LCT-5	ϕ 150	255	315	184	57	142	147 × 93



型号 Type	内孔 ϕ D Bore ϕ D	宽度L Width L	高度H Height H	中心高度h Center height h	厚度B Thickness B	安装尺寸 螺栓规格(M8 × 25) Mounting size and bolt spec. (M8 × 25)
LCT-9	ϕ 240	400	375	200	65	118 ± 0.5
LCT-4	ϕ 150	256	228	120	55	105 ± 0.5
LCT-3	ϕ 100	256	228	120	55	105 ± 0.5
LCT-2	ϕ 80	210	200	106	55	110 ± 0.5



LJ-Φ75 零序电流互感器**LJ-Φ75 Zero-sequence current transformer****型号含义 Type designation****概述 Summary**

本系列零序电流互感器适用于户内、额定频率50Hz或60Hz，额定电压35kV及以下的小接地电流系统中供电电缆接地保护用。与本系列电流互感器配套使用的继电器型号为DL-11/0.2型。

The zero current transformers are used indoors. They are used for cable grounding protection in the light grounding current system up to rated frequency 50Hz or 60Hz and rated voltage 35kV and below. The type of the relay fitting with the transformers is DL-11/0.2.

结构简介 Structural introduction

本型零序电流互感器的铁心为环形，二次绕组均匀绕制在铁芯上，用夹件紧铁心，夹件备有安装孔。

The iron core of the product is annular. The secondary windings go uniformly around the core. The clip with mounting hole clamps the core.

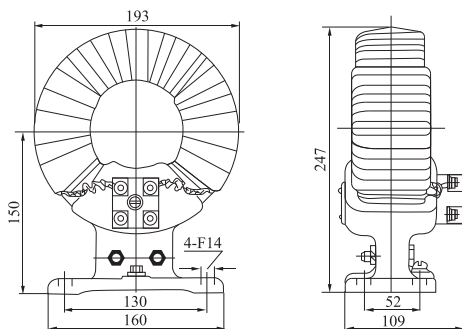
1. 本系列零序电流互感器一次主绝缘由电缆保证，产品仅考核二次绕组的绝缘性能。二次绕组对地能受3kV工频耐压。

Because the cable protects the primary main insulation, so, the insulation characteristics of secondary winding are only examined.

The secondary windings can be able to withstand the power frequency test voltage of 3kV to ground.

2. 本系列零序电流互感器的灵敏度满足下表的要求：

The sensitivity of the product shall meet the requirements listed in form.

外形及安装尺寸图 Outline and installation dimension

型号 Type	连接电阻 Resistance of the connection line(Ω)	继电器启动 电流 Startup current of the relay(A)	灵敏度 sensitivity (A)	继电器 刻度值 Scale of relay (A)	额定 电流比 Rated current ratio(A)
LJ- Φ 75	1	0.1	6~10	0.1~0.2	30/1



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transformer
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transformer
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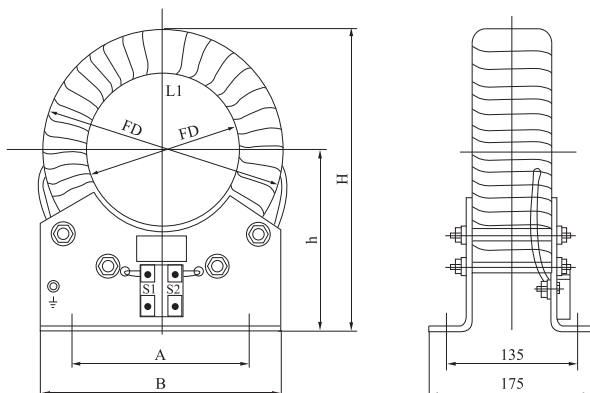
中国人民保险公司质量承保

LJ-2, 4, 7 零序电流互感器

LJ-2, 4, 7 Zero-sequence current transformer

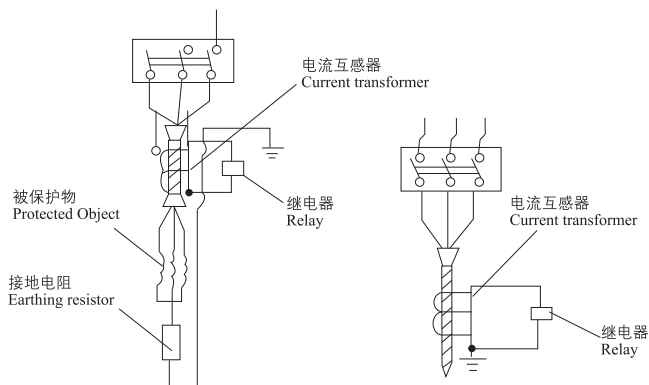


外形及安装尺寸图 Outline and installation dimension



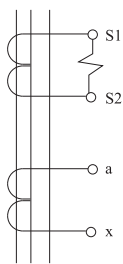
型号 Type	A (mm)	B (mm)	ϕD (mm)	ϕd (mm)	h (mm)	H (mm)	重量 Weight (kg)
LJ-2	150	200	230	110	195	305	21
LJ-4	220	280	285	140	217	355	28
LJ-7	220	300	310	185	235	385	31

接线图 Wiring diagram



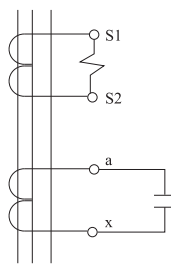
型号 Type	允许穿过 电缆数(根) Allowable numbers of through cables	二次 总阻抗 Secondary main impedance (Ω)	连接继 电器型号 Connecting relay model	继电器整 定电流 Setting current of relay (A)	保护 灵敏度 Protective sensitivity (A)	工频试 验电压 Power frequency test voltage (KV)
LJ-2	1-2	≤ 10	DD11/60	0.03	1-3	2
LJ-4	3-4	≤ 10	DD11/60	0.03	1-3	
LJ-7	5-7	≤ 10	DD11/60	0.03	1-3	



LJZ- $\Phi 65$, $\Phi 75$, $\Phi 110$, $\Phi 150$, 零序电流互感器**LJZ- $\Phi 65$, $\Phi 75$, $\Phi 110$, $\Phi 150$, Zero-sequence current transformer****接线图 Wiring diagram**

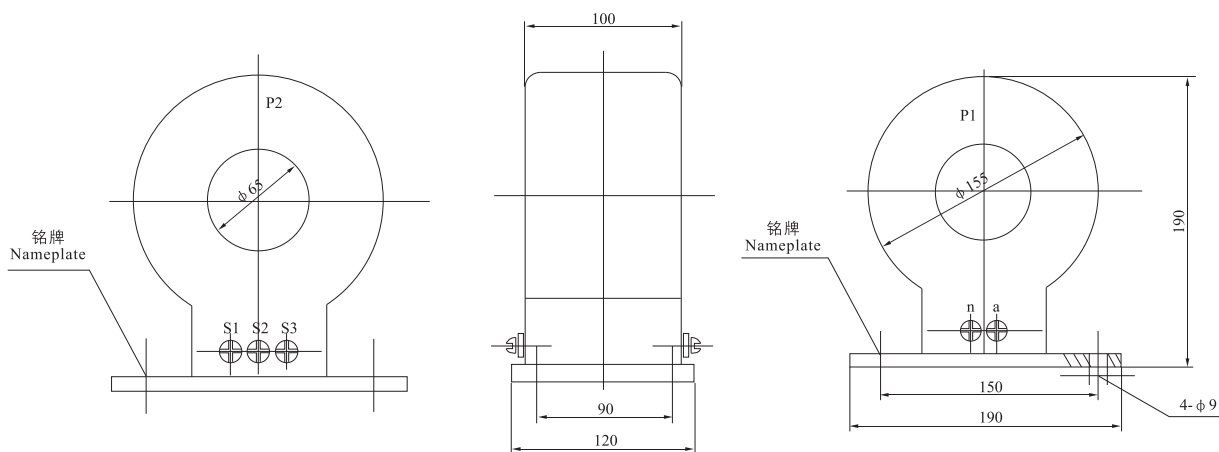
无补偿电容时接线

Without compensating capacitance connection



有补偿电容时接线

With compensating capacitance connection

外形及安装尺寸图 Outline and installation dimension图1 LJZ- $\Phi 65$ 外形及安装图 Diagram 1 Outline and mounting of 1 LJZ- $\Phi 65$ 

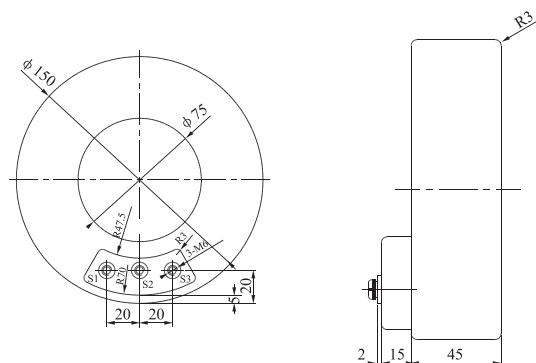


图2 LJZ-φ75外形及安装图 Diagram 2 Outline and mounting of 1 LJZ-φ75

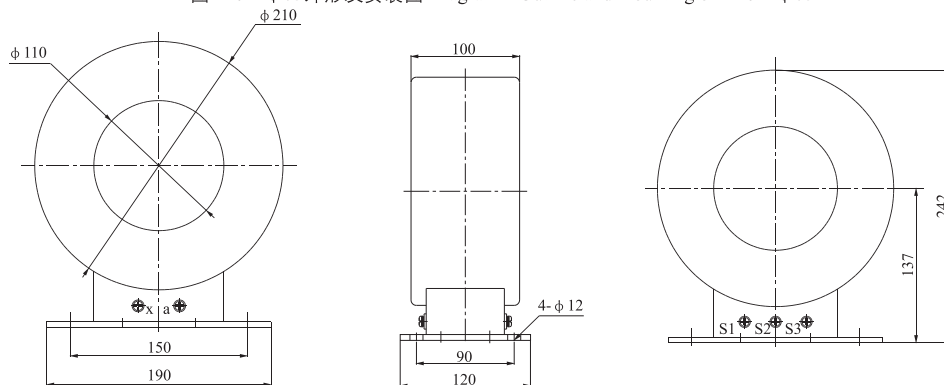


图3 LJZ-φ110外形及安装图 Diagram 3 Outline and mounting of 1 LJZ-φ110

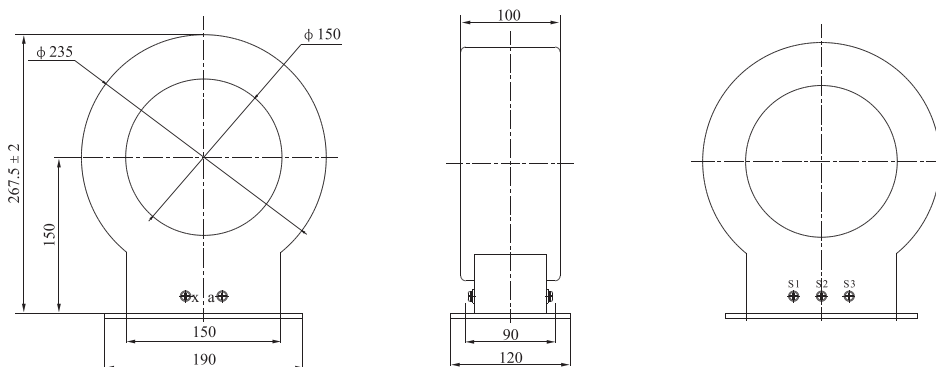


图4 LJZ-φ150外形及安装图 Diagram 4 Outline and mounting of 1 LJZ-φ150

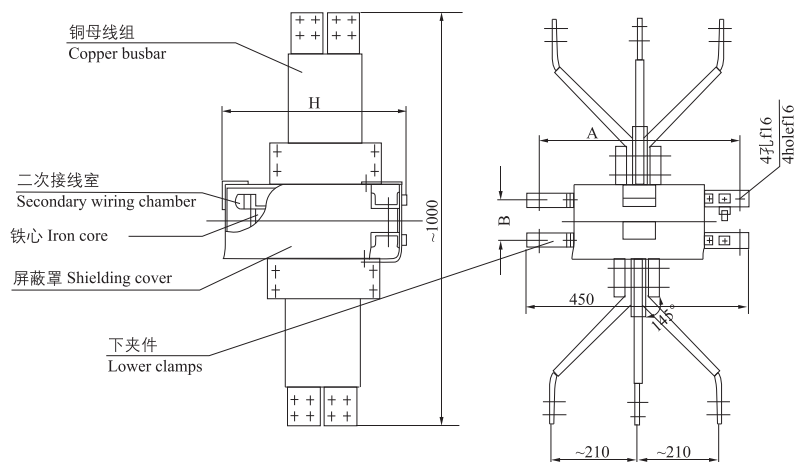
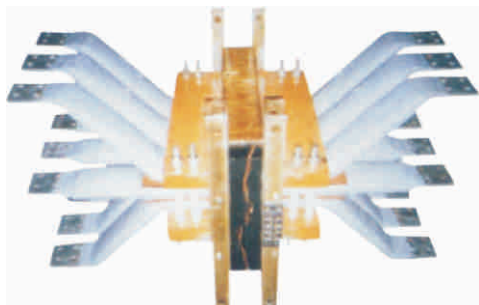
技术数据 Technical data

零序电流互感器与 DD-11/60型连接的端子符号 Mark of terminal Connecting zero-sequence current transformer and DD-11/60 type	DD-11/60型接线继电器 DD-11/60 type connecting relay		一次零序电流值 (即一次动作电流值) Primary zero-sequence current value(It points to primary operation current value)
	线圈连接方式 Coil connection method	刻度值 Scale value	
S1,S3(a,n接电容) S1,S3(Connect capacitor on a,n)	并联 Parallel connection	15 × 1-30 × 1	1-3
	串联 Series connection	15 × 2-18 × 2	2-4
S1,S3(a,n不接电容)	并联 Parallel connection	15 × 1-30 × 1	3-6
	串联 Series connection	15 × 2-30 × 2	2-4



LJM-1, 2, 3 零序电流互感器

LJM-1, 2, 3 Zero-sequence 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)	H (mm)	B (mm)	A (mm)	总重 Weight(kg)
LJM-1	1750	330	100	484	70
LJM-2	3000	430	100	484	100
LJM-3	4000	530	110	484	140

技术参数 Technical parameter

型号 Type	额定电流 Rated current (A)	1秒热稳定电流 1 second thermal standing current(kA)	动稳定电流 Dynamic standing current(kA)	最大短路冲击电流 Max. Short circuit impulse current (A)	不平衡电压 Unbalanced voltage (A)	额定绝缘水平 Rated insulation Level(kV)
LJM-1	1750	24	60	165	<60	6/32
LJM-2	3000	48	120	165	<85	10/42
LJM-3	4000	72	180	165	<100	15/45



Current limiting reactor discharge coil



限流电抗器
放电线圈



XD1, XD2(KDK) 限流电抗器 XD1, XD2(KDK) Current-limit reactor



技术参数 Technical parameter

型号 Type	额定电压 Rated voltage(V)	额定电流 Rated current(A)	电感值 Inductance value (mH)	限流系数 Current-limit factor(N)	额定绝缘水平 Rated insulation level(kV)
XD1-12、 XD2-12	380	22.5	0.0315	50	3
XD1-14、 XD2-14		26.3	0.026		
XD1-16、 XD2-16		30.02	0.0232		
XD1-20		35.9	0.0204		
XD1-25		46.9	0.0213		
XD1-30		56.3	0.025		
XD1-40		70.8	0.0312		

外形及安装尺寸图 Outline and installation dimension

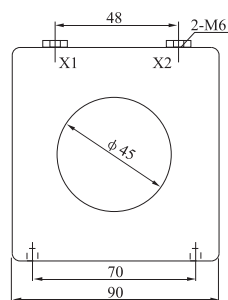


图1 XD1(KDK)-12~16外形及安装尺寸
Fig 1 Overall and installation
dimension of XD1(KDK)-12~16
current transformer

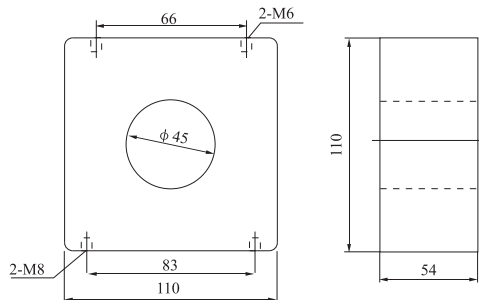


图2 XD1-20~40外形及安装尺寸
Fig 2 Overall and installation
dimension of XD1-20~40
current transformer

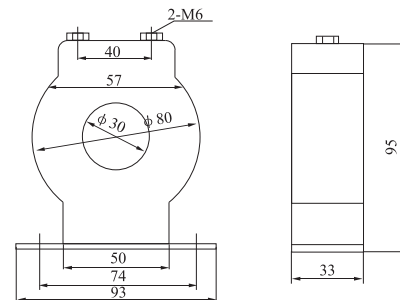


图3 XD2-12~16外形及安装尺寸
Fig 3 Overall and installation
dimension of XD2-12~16
current transformer



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技术参数 Technical parameter

型号 Type	额定一次电压 Rated primary voltage (kV)	额定二次电压 Rated secondary voltage (kV)	额定二次输出及相应的准确级 Rated secondary output and combination accuracy classes (VA) cos φ =0.8(lagged)			剩余电压绕组额定输出 Rated output of residual voltage winding(VA)	放电容量 Discharge capacity (Mvar)
			0.2	0.5	1		
FD(G.Z)2/6.3/√3-1.7-1	6.3/√3	100/√3 或100 100/√3 or100	20	50	100	100/3V 6P 50	1.7
FD(G.Z)2/6.6/√3-1.7-1	6.6/√3						
FD(G.Z)2/11/√3-1.7-1	11/√3						
FD(G.Z)2/11/√3-2.5-1	11/√3						
FD(G.Z)2/11/√3-3.4-1	11/√3						
FD(G.Z)2/10-1.7-1	10	100	20	50	100		1.7
FD(G.Z)2/10-2.5-1							2.5
FD(G.Z)2/10-3.4-1							3.4
FD(G.Z)2/6.3/√3-1.7-1W(G)	6.3/√3	100/√3 或100 100/√3 or100	20	50	100	100/3V 6P 50	1.7
FD(G.Z)2/6.6/√3-1.7-1W(G)	6.3/√3						
FD(G.Z)2/11/√3-1.7-1W(G)	11/√3						
FD(G.Z)2/11/√3-2.5-1W(G)	11/√3						
FD(G.Z)2/11/√3-3.4-1W(G)	11/√3						
FD(G.Z)2/10-1.7-1W(G)	10	100	20	50	100		1.7
FD(G.Z)2/10-2.5-1W(G)							2.5
FD(G.Z)2/10-3.4-1W(G)							3.4



FD(G)2, FD(Z)2 放电线圈 FD(G)2, FD(Z)2 Discharge coil



概述 Summary

本型放电线圈系单相户内、户外装置，环氧树脂绝缘的全封闭产品与高压并联电容器组并联连接，当电容器组与系统断开后，能在5s内将电容器组上的剩余电压由 $\sqrt{2}U_n$ 降至50V以下。在正常运行时，二次绕组可以作电压指示，剩余绕组接成开口三角，当电容器极间局部发生故障时，会产生零序电压，驱动继电保护装置。本型放电线圈特点为体积小、重量轻、无局部放电、抗过电压能力强、空载损耗小、空载电流小、防污能力强、使用安装方便、免维护，是替代油浸式放电线圈的首选产品。

This type of discharge coil is single-phase, cast resin insulated used indoors or outdoors connected with high voltage parallel connection capacitor group. When the capacitor group is cut off from the system, it can take only five second to reduce the residual voltage of the capacitor group from $\sqrt{2}U_n$ to below 50V. When operating normal, the secondary winding is used as voltage indicator and the residual winding is connected as split triangle. If the pole of capacitor partial breaks down, it would bring the zero sequence voltage to drive relay protection gear. The product is small, light, little partial discharge energy and high resistance to over voltage. It is a new product for superseding the oil type discharge coil.

型号含义 Type designation



结构 Structure

FD(G、Z)2/11/ $\sqrt{3}$ -1.7-1(W)型放电线圈为树脂绝缘全封闭结构，FD(G、Z)2/11/ $\sqrt{3}$ -1.7-1WG为户外干式瓷绝缘结构，采用环型铁芯。在同一个铁芯柱上同心地装有一次、二次线圈。

The discharge coil, is casting resin insulated and fully enclosed type. The discharge coil is dry type and porcelain insulated. They are made up of annular core. The primary winding and secondary winding are installed concentrically on the same iron-core pole



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外形及安装尺寸图 Outline and installation dimension

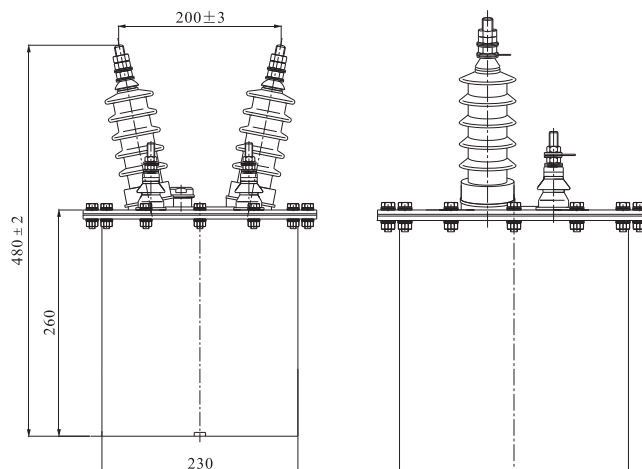


图1 FD2外形及安装尺寸
Fig1 Overall dimension drawing of FD2

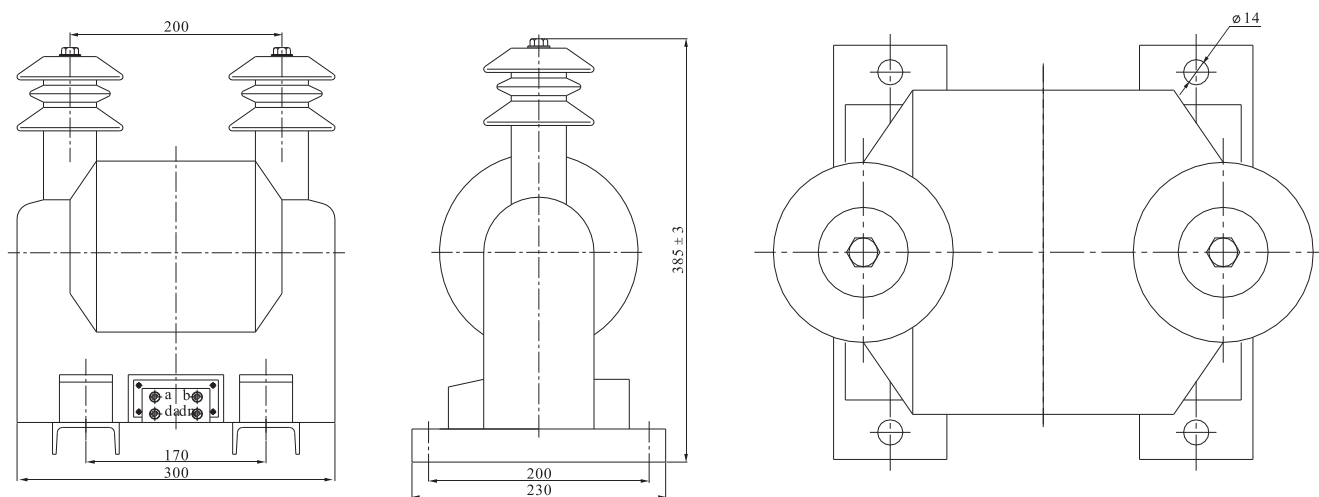


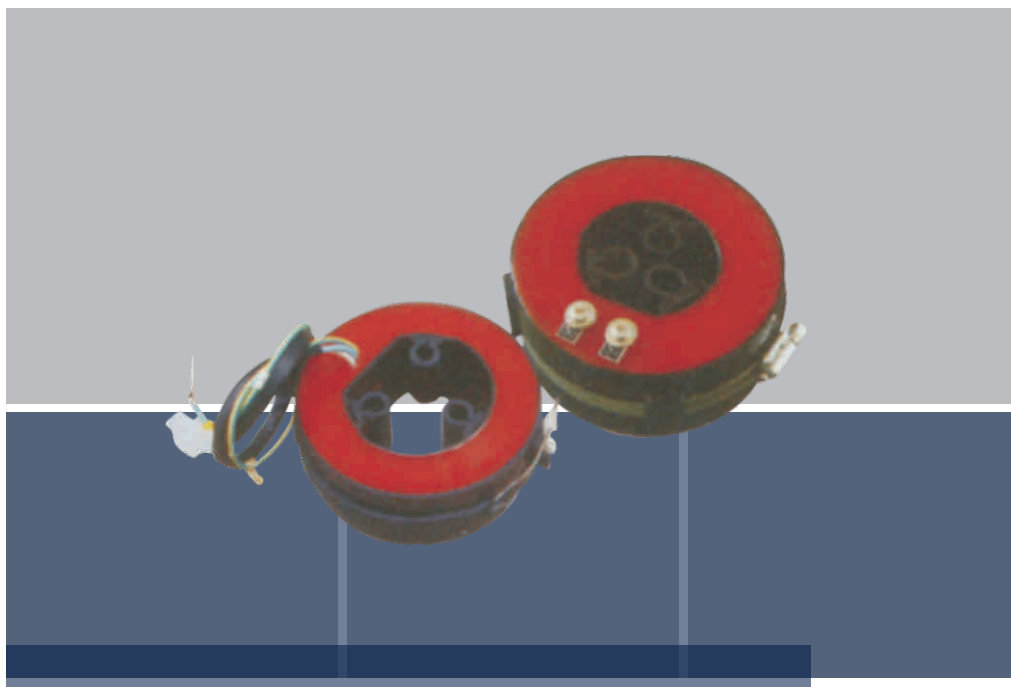
图3 FD(G、Z)2 外形及安装尺寸
Fig3 Overall dimension drawing of FD(G、Z)2



Special mutual inductor for outdoor vacuum switch



户外真空开关
专用互感器



LMZK-10PU 保护、电源型电流互感器

LMZK-10PU Protection、Power Type Current Transformer

概述 Summary

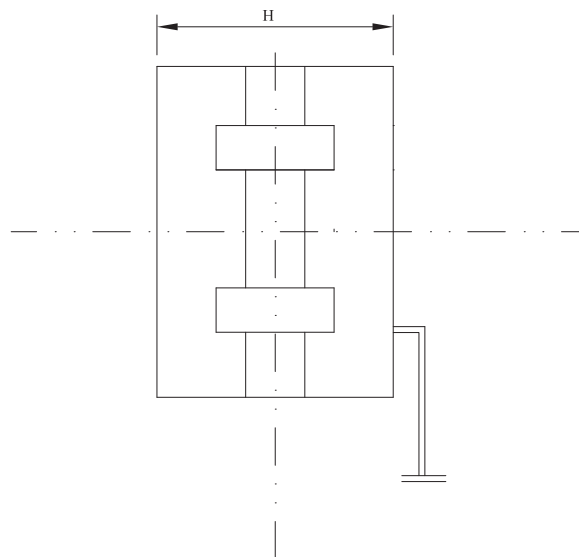
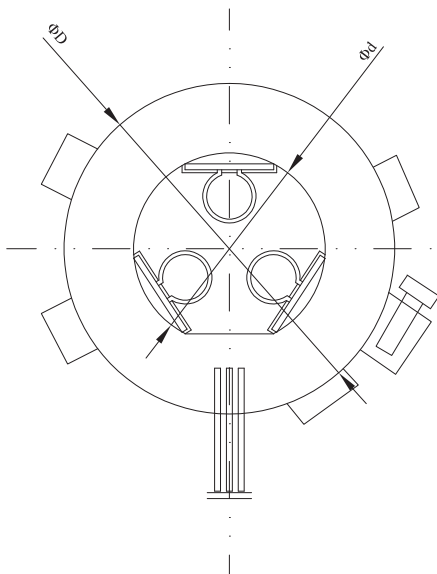
LMZK-10PU开启式电流互感器的铁芯由磁导率较高的半圆环形硅钢片组成，具有较高的测量精度和较低的仪表保护系数。用于电力系统配电线路、变压器以及用电设备的电流测量、信号采集和保护。用于微机保护(RTU、FTU)时，微机保护系统电流回路的输入阻抗小于50毫欧。

LMZK-10PU Open type current transformer, the iron core is composed of a half circular silicon steel sheet of high permeability, Has higher measurement accuracy and lower instrument protection factor. Used for power system distribution lines, transformers and power measurement, signal acquisition and protection of electrical and electronic equipment, For microcomputer protection (RTU, FTU), the input impedance of the microcomputer based protection system is less than 50 milliohm.

技术参数 Technical parameter

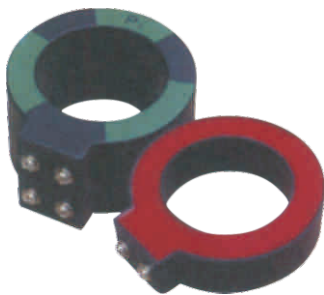
产品型号 Type	用途 Use	保护绕组 Protection windings	电源绕组 Power windings	尺寸Size Φd/ΦD/H
	电流比 Current ratio	准确级及额定输出(VA) Accuracy class & rated burden (VA)		
		10P5	电源 Power	
LMZK-10PU	100/5		5	50/130/70
	200/5	1.5	5	65/112/110
	300/5	2.5	5	65/112/110
	400/5	2.5	5	65/112/110
	600/5	3.75	5	65/112/110

外形及安装尺寸图 Outline and installation dimension



LZCT-10C 型套管式电流互感器

LZCT-10C Bushing type Current Transformer



概述 Summary

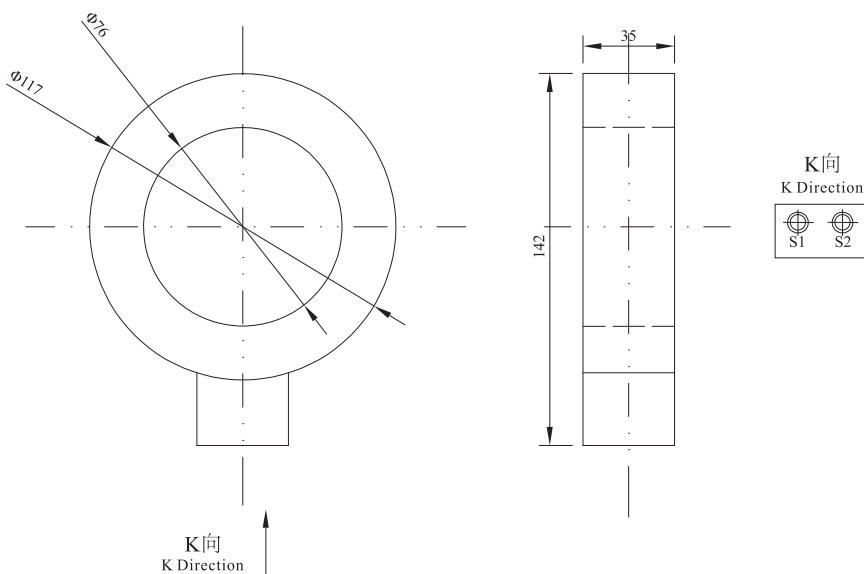
LZCT-10C套管式电流互感器选用了磁导率较高的优质硅钢片作为导磁材料，具有较高的测量精度和较低的仪表保安系数。适用于电力系统配电线路、变压器以及用电设备的电流测量、计量和保护。用于微机保护(RTU、FTU)时，微机保护系统电流回路的输入阻抗小于50毫欧。

LZCT-10C Bushing type current transformer, high quality silicon steel sheet with high permeability, Has higher measurement accuracy and lower in strument protection factor. Power system distribution lines, transformers and electrical equipment for power measurement, metering and protection, For microcomputer protection (RTU, FTU), the input impedance of the microcomputer based protection system is less than 50 milliohm.

技术参数 Technical parameter

产品型号 Type	用途 Use	测量电流互感器 Metering current transformer			保护电流互感器 Current transformer for protection			双绕组电流互感器 Double windings current transformmer		
	电流比 Current ratio	准确级及额定输出(VA) Accuracy class & rated burden (VA)			准确级及额定输出(VA) Accuracy class & rated burden (VA)			准确级及额定输出(VA) Accuracy class & rated burden (VA)		
		0.2	0.5	1	10P15	10P10	10P5	0.5	10P10	10P5
LZCT-10C	100/5		2.5	2.5			1.5			
	150/5		3.75	3.75			2			
	200/5	2.5	5				2.5			
	300/5	2.5	7.5				2.5			
	400/5	2.5	7.5				3.75			
	600/5	2.5	10				3.75			

外形及安装尺寸图 Outline and installation dimension



LDZC-10PU 保护、电源型电流互感器

LDZC-10PU Protection、Power Type Current Transformer

概述 Summary

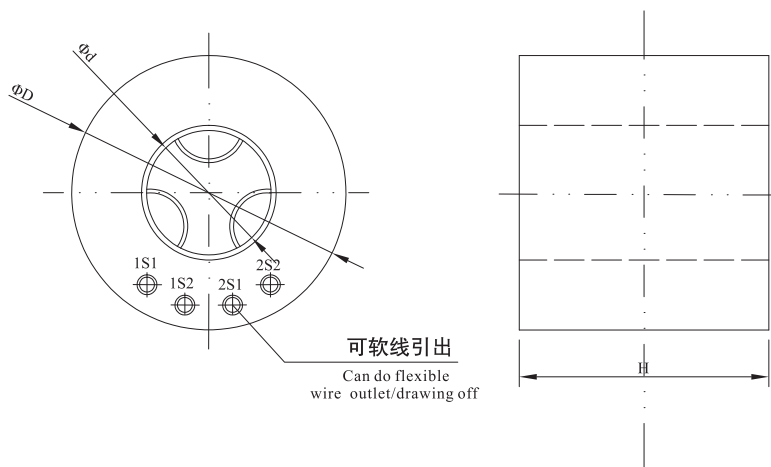
LDZC-10PU保护、电源型电流互感器，通过保护及电源绕组直接从线路中获得保护及电能量信号，电源绕组保证线路一次负载电流在CT额定一次电流的10%时能够提供微机综合保护装置足够的启动及工作电能。

LDZC-10PU Protection, power Type current transformer, through the protection and power supply winding directly from the line obtained protection and electric energy signal, power windings supply guarantee line a load current in CT rated primary current 10% can provide sufficiently microcomputer integrated protection device in the start up and work power.

技术参数 Technical parameter

产品型号 Type	用途 Use	保护绕组 Protection windings	电源绕组 Power windings	尺寸Size Φd/ΦD/H
	额定一次电流 Rated primary current (A)	准确级及额定输出(VA) Accuracy class & rated burden (VA)		
		10P10	电源	
LDZC-10PU	75/5	1	5	40/125/130
	100/5	2.5	5	40/125/130
	200/5	3.75	5	50/110/100
	300/5	3.75	5	50/110/100
	400/5	5	5	50/110/100
	600/5	5	5	50/110/100

外形及安装尺寸图 Outline and installation dimension



LMZC-10PU 型高精度电流互感器

LMZC-10PU High-precision current transformer

概述 Summary



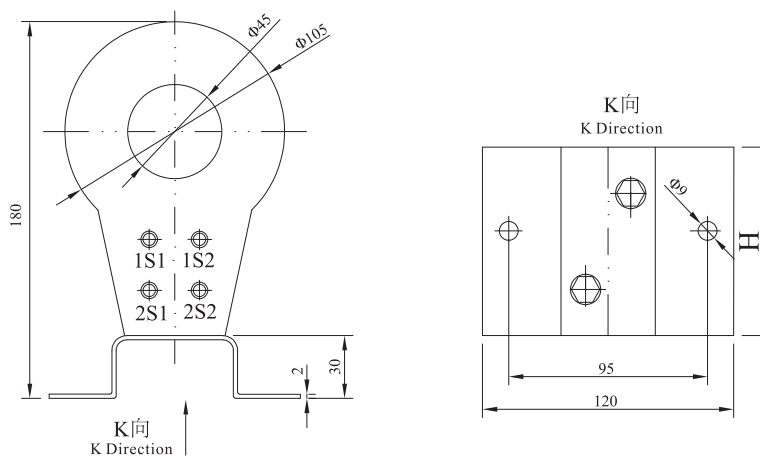
LMZC-10高精密度电流互感器采用了磁导率很高、饱和磁感应强度较低的复合合金铁芯作为导磁材料，具有较高的测量精度和较低的仪表保安系数。适用于电力系统配电线路、变压器以及用电设备的准确的电能计量、电流测量和保护。用于微机保护(RTU、FTU)时，微机保护系统电流回路的输入阻抗小于50毫欧。

LMZC-10 High precision current transformer with high permeability, low saturation magnetic susceptibility of the composite alloy core as a magnetic material, with a high degree of accuracy and low instrument security factor. Suitable for power distribution lines, transformers and accurate electric power equipment can measurement, current measurement and protection for micro-computer protection RTU (FTU), the input impedance of the microcomputer protection system current loop is less than 50milliohms.

技术参数 Technical parameter

产品型号 Type	用途 Use	测量电流互感器 Metering current transformer			保护电流互感器 Current transformer for protection			双绕组电流互感器 Double windings current transformer			
	额定一次电流(A) Rated primary current (A)	准确级及额定输出(VA) Accuracy class & rated burden (VA)			准确级及额定输出(VA) Accuracy class & rated burden (VA)			准确级及额定输出(VA) Accuracy class & rated burden (VA)			
		0.2S	0.2	0.5	10P15	10P10	10P5	0.2S	0.5	10P10	10P5
LMZC-10PU	75										
	100						2.5				
	150	2.5	2.5	2.5			2.5				
	200	2.5	2.5	2.5			3.75				
	300	5	5	5			5				
	400	5	5	5		2.5	5				
	500	10	10	10		2.5	7.5				
	600	10	10	10		5	10				

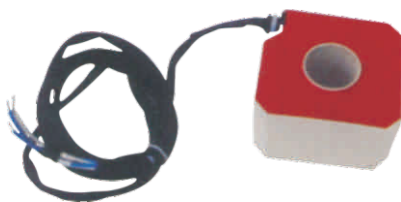
外形及安装尺寸图 Outline and installation dimension



LGTS-10C 型充气柜用电流互感器

LGTS-10C Current transformer for using in gas charging cabinet

概述 Summary



铁芯和二次绕组采用优质环氧树脂浇注在阻燃的ABS外壳内。性能稳定，准确等级高。体积小，重量轻，无需维护，特别适合安装在气体绝缘开关柜内的进出线电缆上。

The iron core and secondary windings are casted in the flame retardant ABS shell by high quality epoxy resin, which is stable performance, accurate high grade, small volume, light weight, no maintenance, especially suitable to in gas insulated box in the cabinet of the access to the cable.

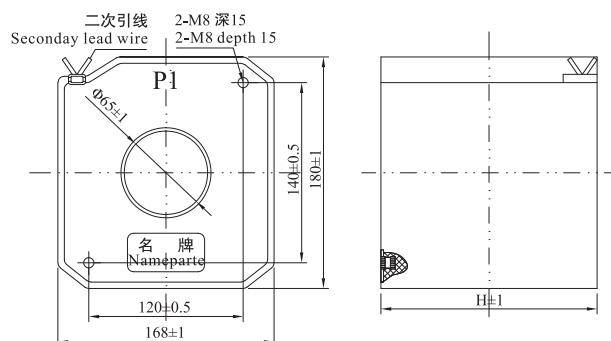
技术参数 Technical parameter

准确级次 Accuracy class	用途 Use	额定一次电流(A) Rated primary current (A)															
		40 h	50 h	60 h	75 h	100 h	125 h	150 h	200 h	250 h	300 h	400 h	500 h	600 h	750 h	1000 h	1200 h
0.2FS10 / 0.5SFS10	2.5						65	55	40	35	30	30	30	30	35	35	35
	5						95	80	55	50	35	30	30	30	35	35	35
	10							120	80	60	45	35	35	30	35	35	35
	15							170	110	75	55	45	40	35	35	35	35
	20								145	90	65	55	45	40	40	35	35
	25								160	110	75	60	50	45	45	40	35
5(10)P10	30	135	100	85						125	85	70	55	50	45	40	40
	2.5			135	75	55	45	40	35	60	30	30	30	30	30	25	25
	5				120	85	70	55	50	45	40	40	35	35	35	30	30
	10					145	110	95	80	70	60	60	50	45	45	35	35
	15						155	130	110	90	80	80	65	60	50	45	40
	20								140	115	100	95	80	70	60	50	45
5(10)P20	25									140	120	115	95	80	70	60	55
	30			145							140	130	110	95	80	65	60
	2.5				125	90	75	65	60	50	50	50	45	40	40	35	35
	5					145	115	95	90	75	70	65	55	50	50	45	40
	10								150	125	110	105	85	75	70	60	55
	15										150	140	115	100	90	75	70
	20												145	125	115	90	80
	25													150	135	105	95
	30														155	120	105

备注：1. 二次电流为5A或1A，“（）”表示该参数仅能满足10P级要求；二次引线(5A时为4mm²，1A时为2.5mm²)长度为3m，也可根据用户要求定制。2. 表中“h”为线圈高度，单个线圈以及多个线圈叠加以后的总高度不得超出产品最大高度，产品高度为：65mm，110mm，170mm，200mm，250mm。3. 二次引线数量8为一个出线口，9~16为二个出线口，如有其它参数要求，请向我们咨询。

Note：1.Secondary current is 5A or 1A，“（）”only Indicate satisfy 10P class. Secondary lead wire/leg wire (5A is 4mm², 1A is 2.5mm²) length 3m, also can do according to customers requirements. 2. Table "h" is coil height, single coil and many coils superposition height not pass Maximum height of products, products height is 65mm, 110mm, 170mm, 200mm, 250mm. 3.Secondary lead wire/leg wire number 8 for an outlet, 9~16 for the 2 exit, if there are other requirements, please contact us.

外形及安装尺寸图 Outline and installation dimension



LGTS-10PU 型电流互感器 LGTS-10PU Type Current Transformer



概述 Summary

铁芯和二次绕组采用优质环氧树脂浇注在阻燃的ABS外壳内。性能稳定，准确等级高。体积小，重量轻，无需维护，特别适合安装在气体绝缘开关柜内的进出线电缆上。

The iron core and secondary windings are casted in the flame retardant ABS shell by high quality epoxy resin, which is stable performance, accurate high grade, small volume, light weight, no maintenance, especially suitable to in gas insulated box in the cabinet of the access to the cable.

技术参数 Technical parameter

准确级次 Accuracy class	用途 Use	额定一次电流(A) Rated primary current (A)														
		(50) h	(60) h	(75) h	100 h	125 h	150 h	200 h	250 h	300 h	400 h	500 h	600 h	750 h	1000 h	1200 h
0.2FS10 / 0.5SFS10	2.5				130	100	65	45	35	30	30	30	30	30	35	35
	5					165	100	65	50	40	30	30	30	30	35	35
	10						165	100	70	50	35	35	30	30	35	35
	15							140	95	65	45	40	35	35	35	35
	20							175	120	80	50	45	0	40	40	35
	25								145	95	60	50	45	45	40	40
	30	150	110	85					170	110	65	55	50	50	45	40
5P10 / 10P10	2.5	235	175	135	70	55	45	35	30	30	30	25	25	25	20	25
	5			235	105	85	70	55	45	40	35	35	30	30	25	30
	10				185	145	115	85	70	60	55	45	40	35	30	35
	15					205	160	115	95	80	70	60	55	45	40	45
	20						205	150	120	100	90	75	65	55	45	50
	25							185	145	120	105	90	75	65	55	55
	30	220	180	145				215	170	140	125	105	90	75	60	65
5P30 / 10P30	2.5			235	115	90	75	60	50	45	40	35	35	35	30	35
	5				185	145	120	90	75	65	60	60	45	40	40	45
	10						200	150	120	105	95	80	70	60	50	55
	15							210	165	145	130	105	95	80	65	70
	20								215	185	160	135	115	100	80	85
	25									225	195	160	140	120	95	100
	30										230	190	165	140	110	115

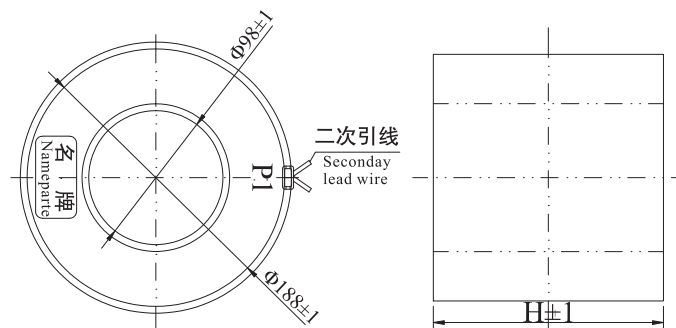
备注：1. 二次电流为5A或1A，“()”表示该参数仅能满足10P级要求；二次引线(5A时为4mm²，1A时为2.5mm²)长度为3m，也可根据用户要求定制。2. 表中“h”为线圈高度，单个线圈以及多个线圈叠加以后的总高度不得超出产品最大高度，产品高度为：65mm，110mm，170mm，200mm，250mm。3. 二次引线数量8为一个出线口，9~16为二个出线口，如有其它参数要求，请向我们咨询。

Note: 1. Secondary current is 5A or 1A, “()” only indicate satisfy 10P class. Secondary lead wire/leg wire (5A is 4mm², 1A is 2.5mm²) length 3m, also can do according to customers requirements.

2. Table “h” is coil height, single coil and many coils superposition height not pass Maximum height of products, products height is 65mm, 110mm, 170mm, 200mm, 250mm.

3. Secondary lead wire/leg wire number 8 for an outlet, 9~16 for the 2 exit, if there are other requirements, please contact us.

外形及安装尺寸图 Outline and installation dimension



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

LONG YOU

浙互
ZH

SANAI

CE

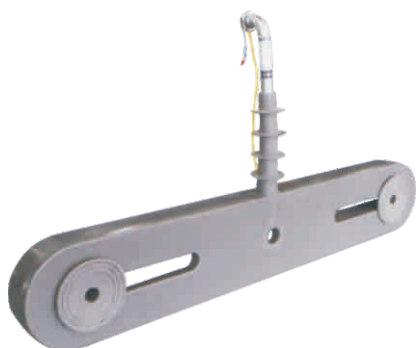
PICC
PROPERTY AND CASUALTY
COMPANY LIMITED

ISO9001国际体系认证企业

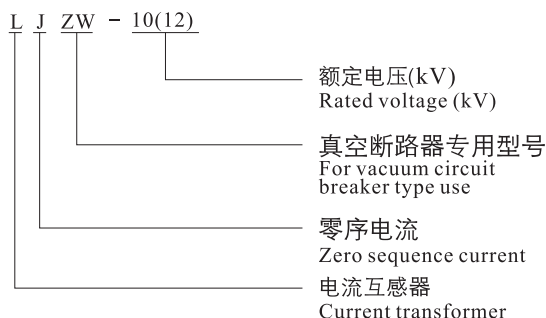
中国人民保险公司质量承保

LJ-ZW-10(12) 型零序电流互感

LJ-ZW-10(12) Zero sequence Current transformer



型号含义 Type designation



技术参数 Technical parameter

产品型号 Type	额定一次电流(A) Rated primary current (A)	额定二次电流(A) Rated secondary current (A)	准确级及额定输出(VA) Accuracy class & rated burden (VA)	额定绝缘水平(kV) Insulation level(kV)
			10P10(3级)(3class)	
LJ-ZW-10(12)	20	1	0.1 Ω	10(12)/42
	50		0.2 Ω	

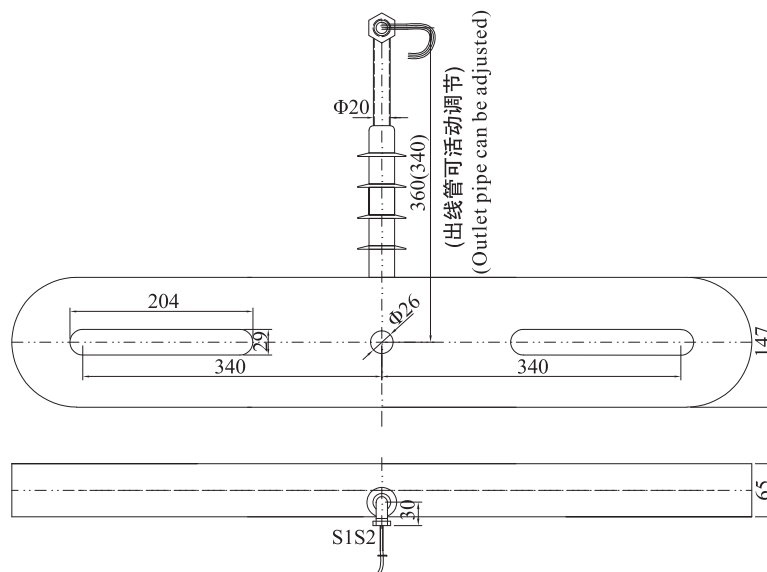
注：1. 可根据用户需求制作特殊规格或高精度产品。

2. 该电流互感器在使用过程中只能使用其中一个变比，几个变比不能同时使用。

Note: 1. we can design or produce the products according to customer's requirements.

2. During this type current transformer work, only use one current ratio, can't use double or more ratio together.

外形及安装尺寸图 Outline and installation dimension

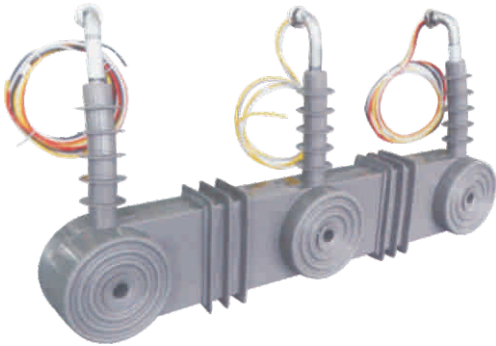


配分体式高原型绝缘筒
Split type plateau type insulation tube



LJ-ZW32-10(12) 型零序保护一体式电流互感器

LJ-ZW32-10(12) Zero sequence protection integrated current transformer



型号含义 Type designation

L J ZW32 - 10(12)

额定电压(kV)
Rated voltage (kV)真空断路器专用型号
For vacuum circuit
breaker type use零序一体式
Zero sequence integrated电流互感器
Current transformer

技术参数 Technical parameter

产品型号 Type	额定一次电流(A) Rated primary current (A)		额定二次电流(A) Rated secondary current (A)	准确级及额定输出(VA) Accuracy class & rated burden (VA)			额定绝缘水平(kV) Insullation level(kV)
				5P(10P)			
LJ-ZW32-10(12)	100, 150, 200		5(1)	2.5	3.75	5	10(12)/42
	100, 200, 300			2.5	5	7.5	
	200, 300, 400			5	7.5	10	
	200, 400, 600			5	10	15	
	600, 800, 1000			15	20	25	
	800, 1000, 1200			15	20	25	
	零序 Zero sequence	20	1	0.1 Ω			
50		0.2 Ω					

注: 1. 可根据用户需求制作特殊规格或高精度产品。

2. 该电流互感器在使用过程中只能使用其中一个变比, 几个变比不能同时使用。

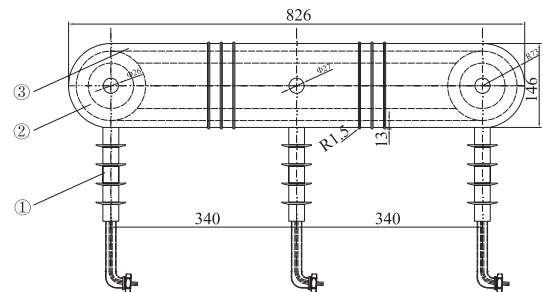
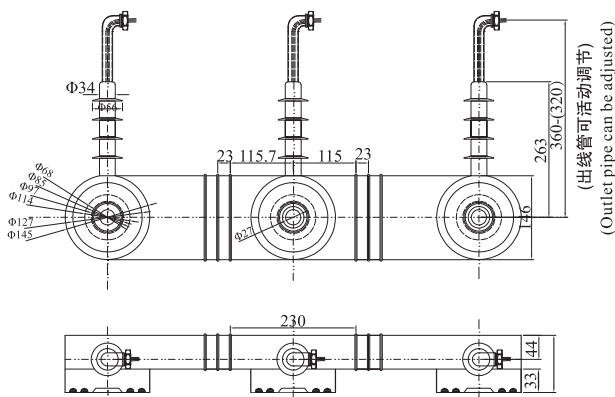
3. 该型电流互感器为我公司为电力系统智能化、轻量化, 特殊研制的新型专利产品。体积小、重量轻, 组合非常合理。可实现 A、B、C 三相保护及零序接地保护。

Note: 1. we can design or produce the products according to customer's requirements.

2. During this type current transformer work, only use one current ratio, can't use double or more ratio together

3. The type current transformer is new est type . It is Intelligence . With Small size, light weight, combination is very reasonable. It can do A,B,C, three phase measuring ,protection and Zero sequence earth protection.

外形及安装尺寸图 Outline and installation dimension



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

LONG YOU

浙互
ZH

SANAI

CE

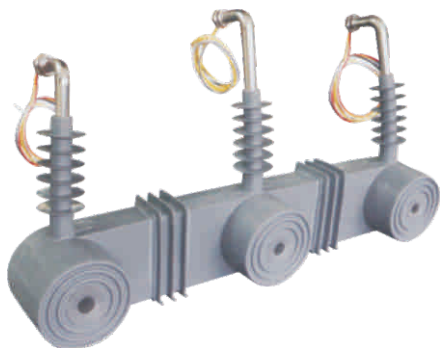
PICC
PROPERTY AND CASUALTY
COMPANY LIMITED

ISO9001国际体系认证企业

中国人民保险公司质量承保

LJ-ZW32-10(12) 型零序保护一体式电流互感器

LJ-ZW32-10(12) Zero sequence protection integrated current transformer



型号含义 Type designation

L J ZW32 - 10(12)

额定电压(kV)

Rated voltage (kV)

真空断路器专用型号

For vacuum circuit
breaker type use

零序一体式

Zero sequence integrated

电流互感器

Current transformer

技术参数 Technical parameter

产品型号 Type	额定一次电流(A) Rated primary current (A)		级次组合 Class combination	额定二次电流(A) Rated secondary current (A)	准确级及额定输出(VA) Accuracy class & rated burden (VA)						额定绝缘水平(kV) Insulation level(kV)	
					0.2S(0.5)			10P(5P)		5P20		
LJ-ZW32-10(12)	50, 75, 100		50(10P)	5(1)				1	1.5	2.5	10(12)/42	
	100, 150, 200				5	5	10	2.5	3.75	5		
	100, 200, 300		10P20		5	5	15	2.5	5	7.5		
	200, 300, 400				10	10	15	5	7.5	10		
	200, 400, 600		0.2S/10P		10	15	20	5	10	15		
	400, 600, 800				15	20	30	10	15	20		
	600, 800, 1000		0.5/10P		20	30	40	15	20	25		
	800, 1000, 1200				30	40	50	20	30	40		
	零序 Zero sequence	20	10P 3级3class	1	0.1Ω							
		50	10P 1级1class		0.2Ω							

注: 1. 可根据用户需求制作特殊规格或高精度产品。

2. 该电流互感器在使用过程中只能使用其中一个变比, 几个变比不能同时使用。

3. 该型电流互感器为我公司为电力系统智能化、轻量化, 特殊研制的新型专利产品。体积小、重量轻, 组合非常合理。可实现

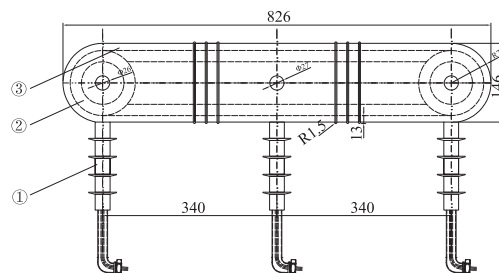
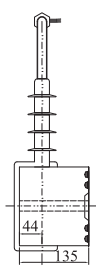
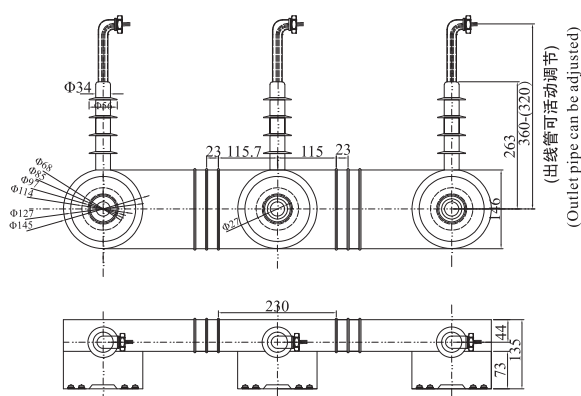
A、B、C三相保护及零序接地保护。

Note: 1. we can design or produce the products according to customer's requirements.

2. During this type current transformer work, only use one current ratio, can't use double or more ratio together

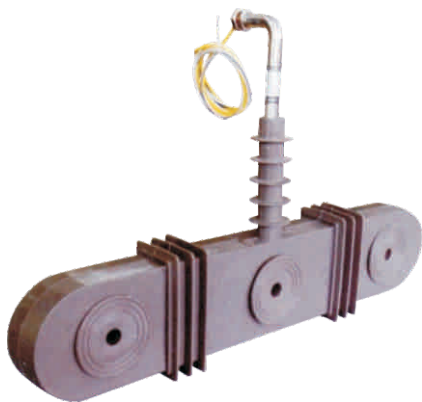
3. The type current transformer is new est type. It is intelligence. With Small size, light weight, combination is very reasonable. It can do A,B,C, three phase measuring protection and Zero sequence earth protection.

外形及安装尺寸图 Outline and installation dimension

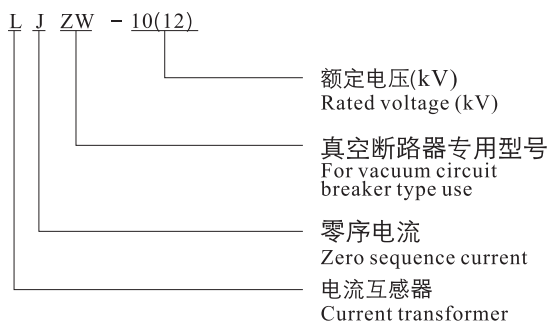


LJ-ZW-10(12) 型零序电流互感

LJ-ZW-10(12) Zero sequence Current transformer



型号含义 Type designation



技术参数 Technical parameter

产品型号 Type	额定一次电流(A) Rated primary current (A)	额定二次电流(A) Rated secondary current (A)	准确级及额定输出(VA) Accuracy class & rated burden (VA)	额定绝缘水平(kV) Insulation level(kV)
			10P10(3级)(3class)	
LJ-ZW-10(12)	20	1	0.1 Ω	10(12)/42
	50		0.2 Ω	

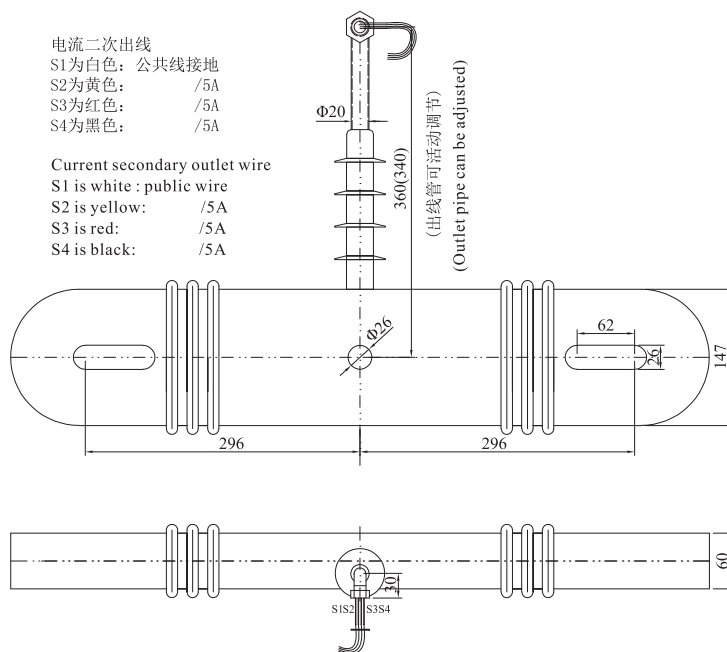
注：1. 可根据用户需求制作特殊规格或高精度产品。

2. 该电流互感器在使用过程中只能使用其中一个变比，几个变比不能同时使用。

Note: 1. We can design or produce the products according to customer's requirements.

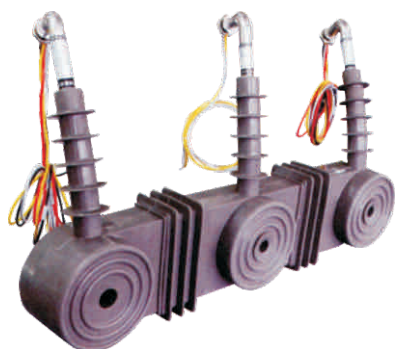
2. During this type current transformer work, only use one current ratio, can't use double or more ratio together.

外形及安装尺寸图 Outline and installation dimension

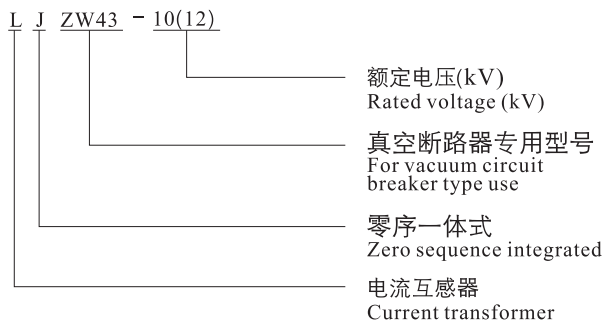


LJ-ZW43-10(12) 型零序保护一体式电流互感器

LJ-ZW43-10(12) Zero sequence protection integrated current transformer



型号含义 Type designation



技术参数 Technical parameter

产品型号 Type	额定一次电流(A) Rated primary current (A)		额定二次电流(A) Rated secondary current (A)		准确级及额定输出(VA) Accuracy class & rated burden (VA)			额定绝缘水平(kV) Insullation level(kV)
					5P(10P)			
LJ-ZW43-10(12)	100, 150, 200		5(1)	2.5	3.75	5	10(12)/42	
	100, 200, 300			2.5	5	7.5		
	200, 300, 400			5	7.5	10		
	200, 400, 600			5	10	15		
	600, 800, 1000			15	20	25		
	800, 1000, 1200			15	20	25		
	零序 Zero sequence	20	1	0.1 Ω				
50		0.2 Ω						

注：1. 可根据用户需求制作特殊规格或高精度产品。

2. 该电流互感器在使用过程中只能使用其中一个变比，几个变比不能同时使用。

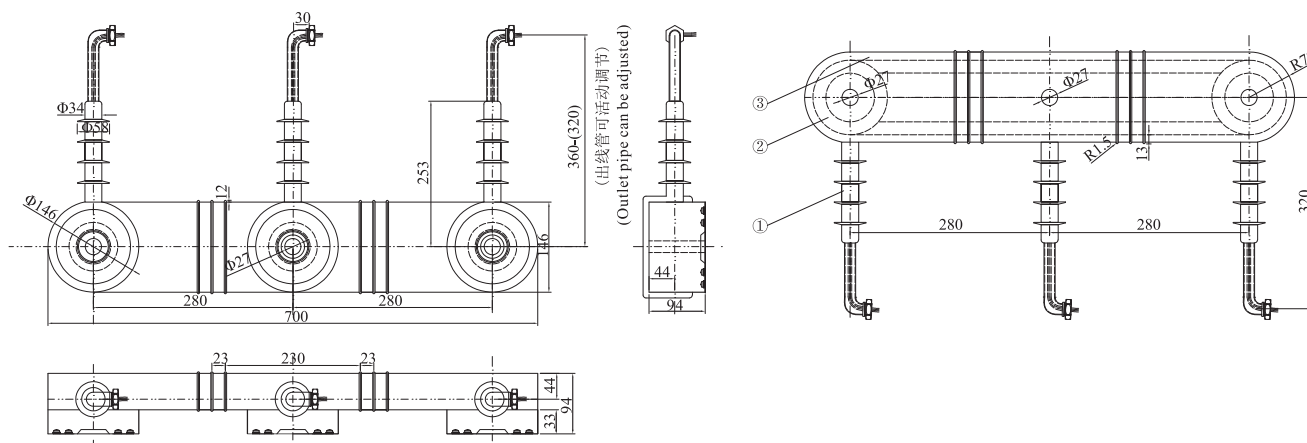
3. 该型电流互感器为我公司为电力系统智能化、轻量化，特殊研制的新型专利产品。体积小、重量轻，组合非常合理。可实现 A、B、C 三相保护及零序接地保护。

Note: 1. we can design or produce the products according to customer's requirements.

2. During this type current transformer work, only use one current ratio, can't use double or more ratio together

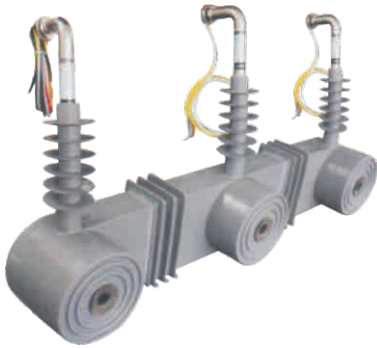
3. The type current transformer is new est type. It is intelligence. With Small size, light weight, combination is very reasonable. It can do A,B,C, three phase measuring protection and Zero sequence earth protection.

外形及安装尺寸图 Outline and installation dimension



LJ-ZW43-10(12) 型零序保护一体式电流互感器

LJ-ZW43-10(12) Zero sequence protection integrated current transformer



型号含义 Type designation

L J ZW43 - 10(12)

额定电压(kV)
Rated voltage (kV)真空断路器专用型号
For vacuum circuit
breaker type use零序一体式
Zero sequence integrated电流互感器
Current transformer

技术参数 Technical parameter

产品型号 Type	额定一次电流(A) Rated primary current (A)		初次组合 Primary combination	额定二次电流(A) Rated secondary current (A)	准确级及额定输出(VA) Accuracy class & rated burden (VA)						额定绝缘水平(kV) Insulation level(kV)	
					0.2S(0.5)			10P(5P)		5P20		
LJ-ZW43-10(12)	50, 75, 100		50(10P)	5(1)				1	1.5	2.5	10(12)/42	
	100, 150, 200				5	5	10	2.5	3.75	5		
	100, 200, 300		10P20		5	5	15	2.5	5	7.5		
	200, 300, 400		0.2S/10P 0.5/10P 0.2S/5P20 0.5/5P20		10	10	15	5	7.5	10		
	200, 400, 600				10	15	20	5	10	15		
	400, 600, 800				15	20	30	10	15	20		
	600, 800, 1000				20	30	40	15	20	25		
	800, 1000, 1200				30	40	50	20	30	40		
	零序 Zero sequence	20	10P 3级3class		1	0.1 Ω						
		50	10P 1级1class			0.2 Ω						

注：1. 可根据用户需求制作特殊规格或高精度产品。

2. 该电流互感器在使用过程中只能使用其中一个变比，几个变比不能同时使用。

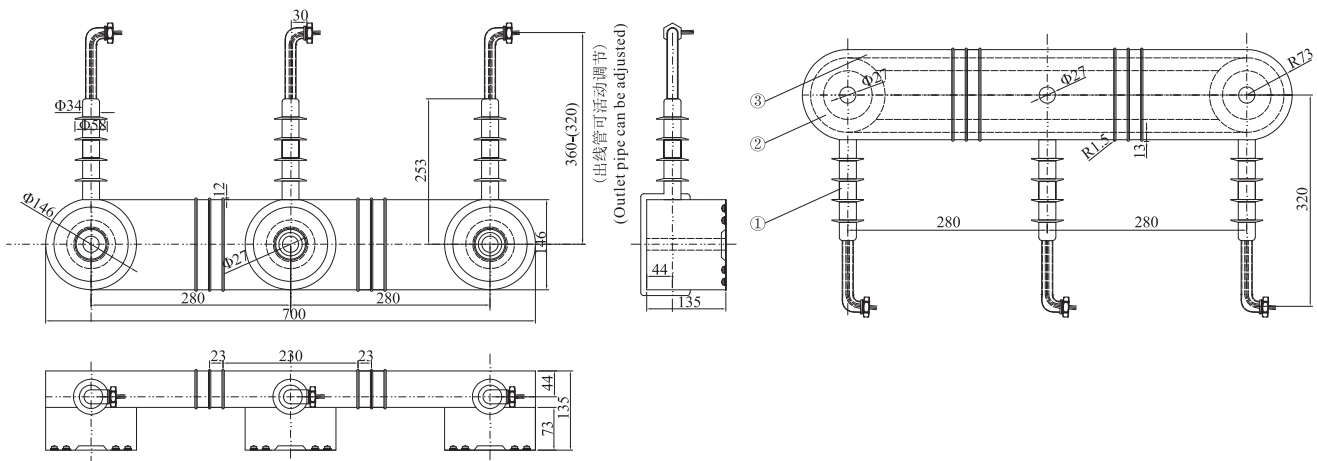
3. 该型电流互感器为我公司为电力系统智能化、轻量化，特殊研制的新型专利产品。体积小、重量轻，组合非常合理。可实现A、B、C三相保护及零序接地保护。

Note: 1. we can design or produce the products according to customer's requirements.

2. During this type current transformer work, only use one current ratio, can't use double or more ratio together

3. The type current transformer is new est type. It is intelligence. With Small size, light weight, combination is very reasonable. It can do A,B,C, three phase measuring protection and Zero sequence earth protection.

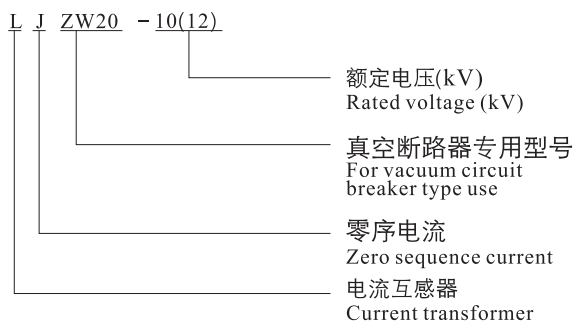
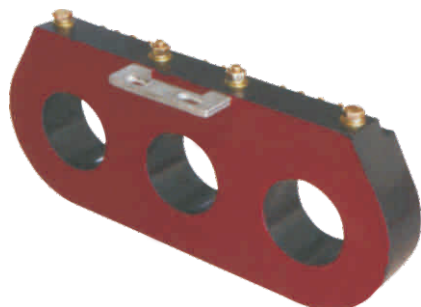
外形及安装尺寸图 Outline and installation dimension



LJ-ZW20-10(12) 型零序电流互感

LJ-ZW20-10(12) Zero sequence Current transformer

型号含义 Type designation



技术参数 Technical parameter

产品型号 Type	额定一次电流(A) Rated primary current (A)	额定二次电流(A) Rated secondary current (A)	准确级及额定输出(VA) Accuracy class & rated burden (VA)	额定绝缘水平(kV) Insulation level(kV)
			10P10	
LJ-ZW20-10(12)	20	1	0.1 Ω	10(12)/42
	50		0.2 Ω	

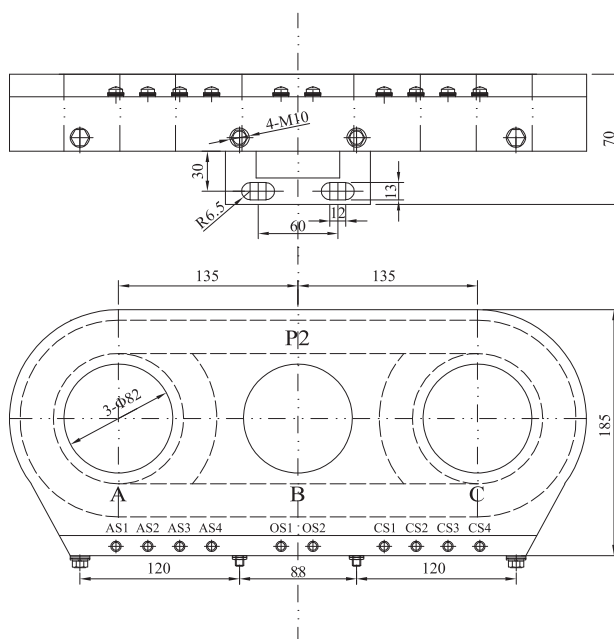
注：1. 可根据用户需求制作特殊规格或高精度产品。

2. 该电流互感器在使用过程中只能使用其中一个变比，几个变比不能同时使用。

Note: 1. We can design or produce the products according to customer's requirements.

2. During this type current transformer work, only use one current ratio, can't use double or more ratio together.

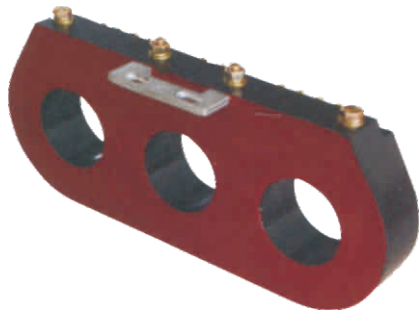
外形及安装尺寸图 Outline and installation dimension



LJ-ZW20-10(12) 型零序保护一体式电流互感器

LJ-ZW20-10(12) Zero sequence protection integrated current transformer

型号含义 Type designation



L J ZW20 - 10(12)

额定电压(kV)
Rated voltage (kV)真空断路器专用型号
For vacuum circuit
breaker type use零序一体式
Zero sequence integrated电流互感器
Current transformer

技术参数 Technical parameter

产品型号 Type	额定一次电流(A) Rated primary current (A)		额定二次电流(A) Rated secondary current (A)		准确级及额定输出(VA) Accuracy class & rated burden (VA)			额定绝缘水平(kV) Insulation level(kV)	
					5P(10P)				
LJ-ZW43-10(12)	100, 150, 200		5(1)		1	1.5	2.5	10(12)/42	
	100, 200, 300				1	2.5	3.75		
	200, 300, 400				2.5	3.75	5		
	200, 400, 600				2.5	5	7.5		
	600, 800, 1000				7.5	10	10		
	800, 1000, 1200				10	12.5	15		
	零序 Zero sequence	20	1		0.1 Ω				
50		0.2 Ω							

注：1. 可根据用户需求制作特殊规格或高精度产品。

2. 该电流互感器在使用过程中只能使用其中一个变比，几个变比不能同时使用。

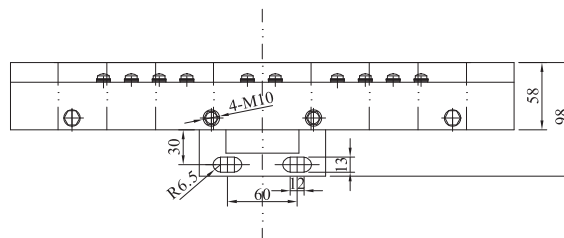
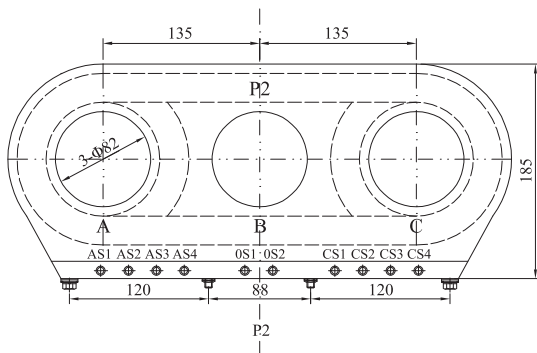
3. 该型电流互感器可实现A、C二相式或A、B、C三相保护及零序接地保护。

Note: 1. we can design or produce the products according to customer's requirements.

2. During this type current transformer work, only use one current ratio, can't use double or more ratio together

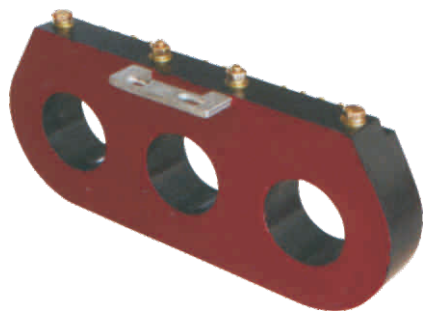
3. This type current transformer can do A,C two phase . Or A,B,C three phase protection or zone sequence earth protection.

外形及安装尺寸图 Outline and installation dimension

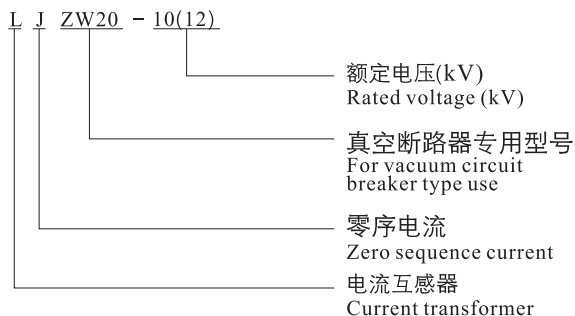


LJ-ZW20-10(12) 型零序测(计)量保护一体式电流互感器

LJ-ZW20-10(12) Zero sequence measurement and protection integral type current transformer



型号含义 Type designation



技术参数 Technical parameter

产品型号 Type	额定一次电流(A) Rated primary current (A)		初次组合 Primary combination	额定二次电流(A) Rated secondary current (A)	准确级及额定输出(VA) Accuracy class & rated burden (VA)						额定绝缘水平(kV) Insullation level(kV)
					0.2S(0.5)			10P(5P)			
LJ-ZW20-10(12)	50, 75, 100		50(10P)	5(1)				1	1.5	2.5	10(12)/42
	100, 150, 200				5	5	10	2.5	3.75	5	
	100, 200, 300				5	5	15	2.5	5	7.5	
	200, 300, 400		10		10	15	5	7.5	10		
	200, 400, 600		10		15	20	5	10	15		
	400, 600, 800		15		20	30	10	15	20		
	600, 800, 1000		20		30	40	15	20	25		
	800, 1000, 1200		30		40	50	20	30	40		
	零序 Zero sequence	20	10P 3级3class		1	0.1Ω					
		50	10P 1级1class	0.2Ω							

注：1. 可根据用户需求制作特殊规格或高精度产品。

2. 该电流互感器在使用过程中只能使用其中一个变比，几个变比不能同时使用。

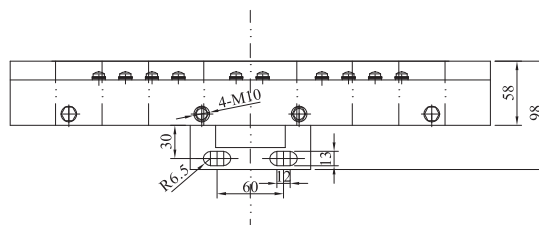
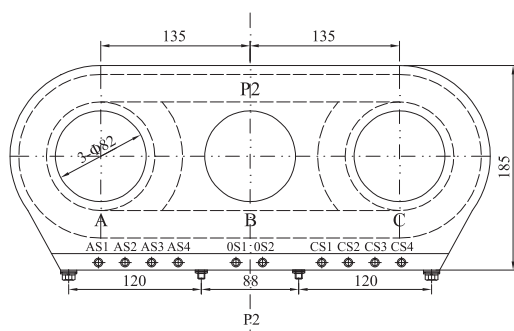
3. 该型电流互感器为我公司为电力系统智能化，特殊研制的新型产品。体积小、重量轻，组合非常合理。可实现A、B、C三相计(测)量保护及零序接地保护。

Note: 1. we can design or produce the products according to customer's requirements.

2. During this type current transformer work, only use one current ratio, can't use double or more ratio together.

3. The type current transformer is new est type . It is intelligence . With Small size, light weight, combination is very reasonable. It can do A,B,C, three phase measuring protection and Zero sequence earth protection.

外形及安装尺寸图 Outline and installation dimension



LJ-FZW28-10 型零序保护一体式电流互感器

LJ-FZW28-10 Zero sequence protection integrated current transformer



型号含义 Type designation

L J FZW28 - 10(12)

额定电压(kV)

Rated voltage (kV)

真空断路器专用型号
For vacuum circuit
breaker type use

零序一体式

Zero sequence integrated

电流互感器

Current transformer

技术参数 Technical parameter

产品型号 Type	额定一次电流(A) Rated primary current (A)		额定二次电流(A) Rated secondary current (A)		准确级及额定输出(VA) Accuracy class & rated burden (VA)			额定绝缘水平(kV) Insullation level(kV)	
					5P(10P)				
LJ-FZW28-10(12)	100, 150, 200		5(1)	1	1.5	2.5	10(12)/42		
	100, 200, 300			1	2.5	3.75			
	200, 300, 400			2.5	3.75	5			
	200, 400, 600			2.5	5	7.5			
	600, 800, 1000			7.5	10	10			
	800, 1000, 1200			10	12.5	15			
	零序 Zero sequence	20	1	0.1 Ω					
		50		0.2 Ω					

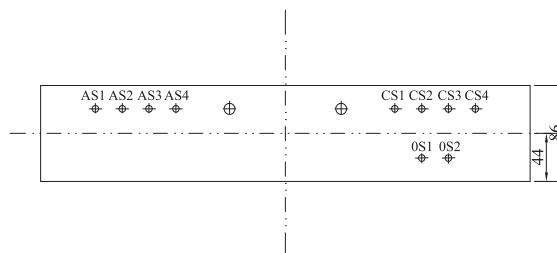
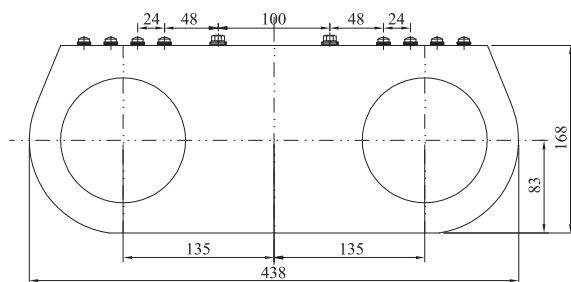
注: 1. 可根据用户需求制作特殊规格或高精度产品。

2. 该电流互感器在使用过程中只能使用其中一个变比, 几个变比不能同时使用。

Note: 1. we can design or produce the products according to customer's requirements.

2. During this type current transformer work, only use one current ratio, can't use double or more ratio together.

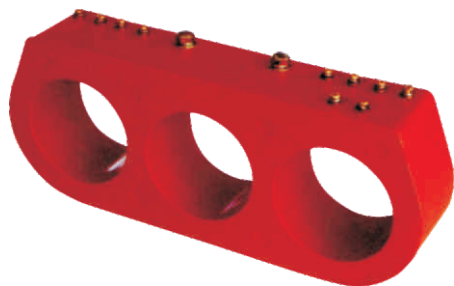
外形及安装尺寸图 Outline and installation dimension



LJ-FZW28-10 型零序测(计)量保护一体式电流互感器

LJ-FZW28-10 Zero sequence measurement and protection integral type current transformer

型号含义 Type designation



L J FZW28 - 10(12)

额定电压(kV)
Rated voltage (kV)

负荷开关专用型号
Specialtype for load switch use

零序一体式
Zero sequence integrated

电流互感器
Current transformer

技术参数 Technical parameter

产品型号 Type	额定一次电流(A) Rated primary current (A)		初次组合 Primary combination	额定二次电流(A) Rated secondary current (A)	准确级及额定输出(VA) Accuracy class & rated burden (VA)						额定绝缘水平(kV) Insullation level(kV)	
					0.2S(0.5)			10P(5P)		5P20		
LJ-FZW28-10	50, 75, 100		50(10P)	5(1)				1	1.5	2.5	10(12)/42	
	100, 150, 200				5	5	10	2.5	3.75	5		
	100, 200, 300				5	5	15	2.5	5	7.5		
	200, 300, 400		10		10	15	5	7.5	10			
	200, 400, 600		0.2S/10P		10	15	20	5	10	15		
	400, 600, 800				15	20	30	10	15	20		
	600, 800, 1000		0.2S/5P20		20	30	40	15	20	25		
	800, 1000, 1200				30	40	50	20	30	40		
	零序 Zero sequence	20	10P 3级3class		1	0.1 Ω						
		50	10P 1级1class			0.2 Ω						

注：1. 可根据用户需求制作特殊规格或高精度产品。

2. 该电流互感器在使用过程中只能使用其中一个变比，几个变比不能同时使用。

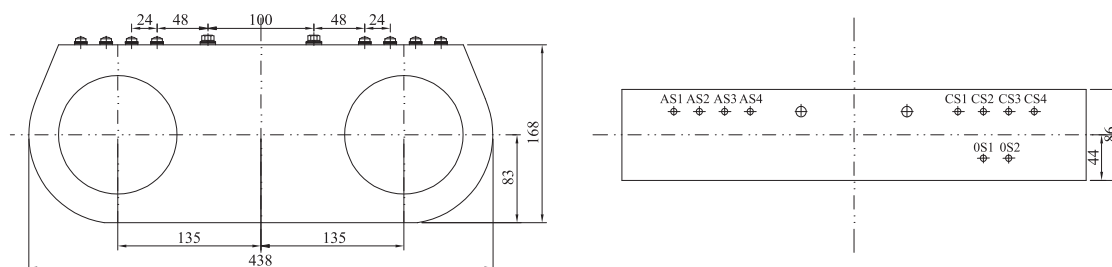
3. 该型电流互感器可实现A、C二相式或A、B、C三相保护及零序接地保护。

Note: 1. we can design or produce the products according to customer's requirements.

2. During this type current transformer work, only use one current ratio, can't use double or more ratio together.

3. This type current transformer can do A,C two phase . Or A,B,C three phase protection or zone sequence earth protection.

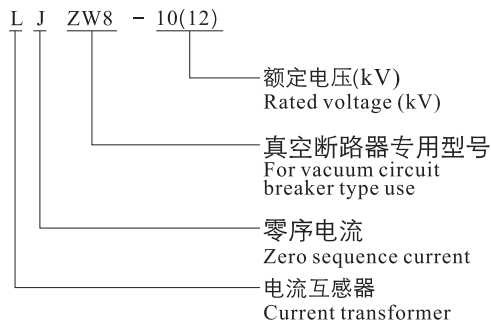
外形及安装尺寸图 Outline and installation dimension



LJ-ZW8-10(12) 型零序电流互感器

LJ-ZW8-10(12) Zero sequence Current transformer

型号含义 Type designation



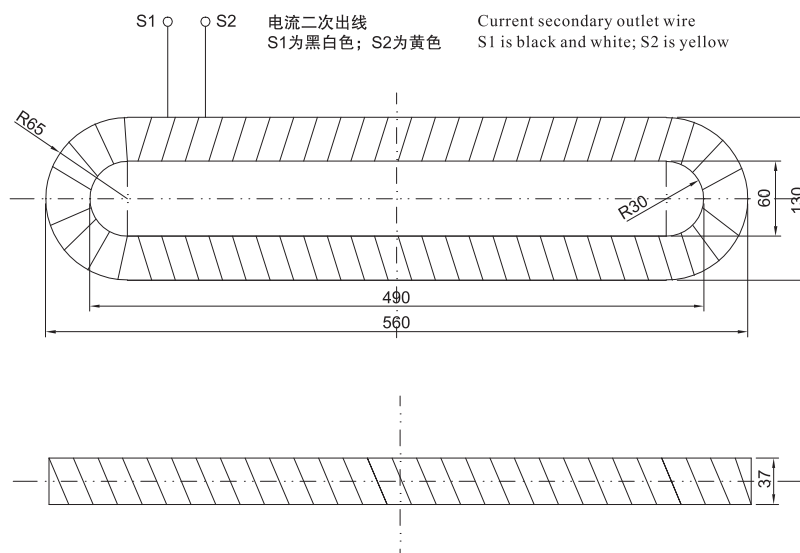
技术参数 Technical parameter

产品型号 Type	额定一次电流(A) Rated primary current (A)	额定二次电流(A) Rated secondary current (A)	准确级及额定输出(VA) Accuracy class & rated burden (VA)	额定绝缘水平(kV) Insulation level(kV)
			10P10	
LJ-ZW8-10(12)	20	1	0.15 Ω	0.5/3
	50		0.3 Ω	

- 注：1. 可根据用户需求制作特殊规格或高精度产品。
2. 该电流互感器在使用过程中只能使用其中一个变比，几个变比不能同时使用。
3. 可根据客户需求定制任何尺寸。

Note: 1. we can design or produce the products according to customer's requirements.
2. During this type current transformer work, only use one current ratio, can't use double or more ratio together.
3. We can make any dimension according to customers' requirements.

外形及安装尺寸图 Outline and installation dimension



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

LONG YOU

浙互
ZH

SANAI

CE

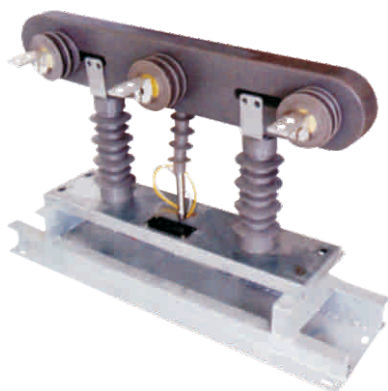
PICC
PROPERTY AND CASUALTY
COMPANY LIMITED

ISO9001国际体系认证企业

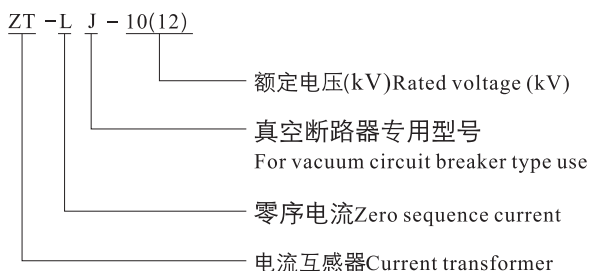
中国人民保险公司质量承保

ZT-LJ-10(12) 型零序电流互感器

ZT-LJ-10(12) Zero sequence current transformer



型号含义 Type designation



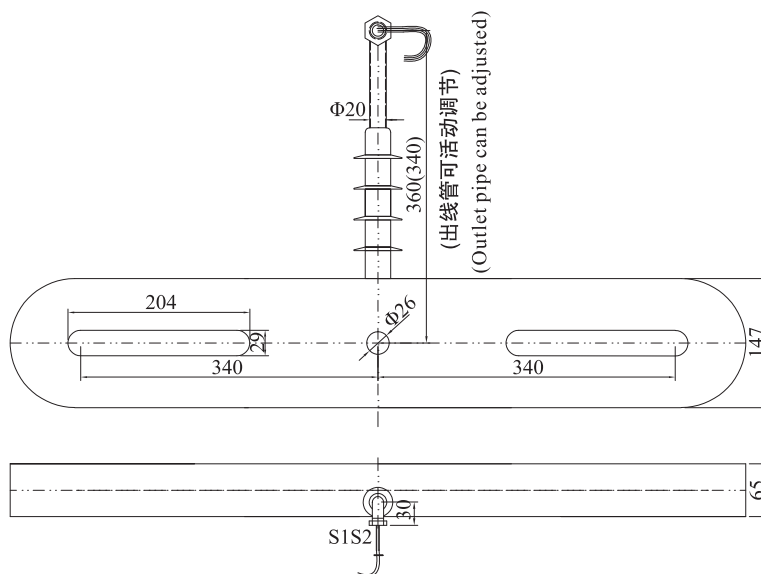
技术参数 Technical parameter

产品型号 Type	额定一次电流(A) Rated primary current (A)	额定二次电流(A) Rated secondary current (A)	准确级及额定输出(VA) Accuracy class & rated burden (VA)	额定绝缘水平(kV) Insulation level(kV)
			10P10	
ZT-LJ-10(12)	20	1	0.15 Ω	0.5/3
	50		0.3 Ω	

- 注：1. 可根据用户需求制作特殊规格或高精度产品。
 2. 该电流互感器在使用过程中只能使用其中一个变比，几个变比不能同时使用。
 3. 本型互感器是我公司为了方便电力公司客户老式产品及电力线路升级智能化，改造而在原有产品基础上再开发的产品，安装支架可根据客户实际使用条件更改。

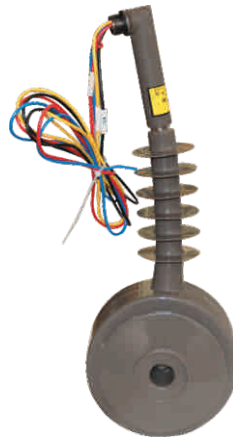
Note: 1. we can design or produce the products according to customer's requirements.
 2. During this type current transformer work, only use one current ratio, can't use double or more ratio together.
 3. this Current transformer is new est type. Installation / Mounting bracket can be changed by Actual conditions of use

外形及安装尺寸图 Outline and installation dimension



配分体式高原型绝缘筒
Split type plateau type insulation tube

LZW32-12 电流互感器 LZW32-12 Current transformer



概述 Summary

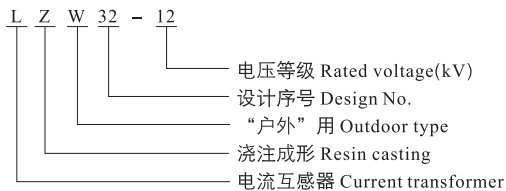
LZW32-12型电流互感器适用于额定频率为50或60Hz, 额定电压为10kV及以下户外装置的电力系统中作电流、电能、功率测量用。

LZW32-12 type Current transformer, it is used for Rated frequency 50/60Hz, Rated voltage: 10kV or below, Outdoor Installation, is used for metering electric energy and current, relay protection in the electrical system.

正常工作条件 work conditions

- | | |
|---|---|
| <ol style="list-style-type: none"> 1、安装场所为户外, 运行时二次不得开路; 2、环境温度: $-45 \sim +50$, 日平均气温不超过35; 3、海拔高度不超过1000m, 风压不超过700Pa; 4、日照辐射小于1000瓦每平方米(晴天中午); 5、无严重影响互感器绝缘的气体, 尘埃及其它爆炸性或侵蚀性介质。 6、安装场所无剧烈震动和颠簸。 | <ol style="list-style-type: none"> 1、Outdoor Installation, during working . secondary circuit can not open; 2、Environmental temperature: The daily average temperature is not more than 35 degrees; 3、meters above sea level: Not more than 1000 . Wind pressure is not more than 700Pa; 4、Sunshine radiation is not more than 1000 watts per square meter (sunny noon); 5、No serious effects of transformer gas, dust, and other explosive, etching medium; 6、Installation attempt without violent vibration and burmps. |
|---|---|

型号含义 Type designation



结构特点 Structural feature

该产品专用于真空断路器, 测量级采用超微晶铁心, 保护级采用优质经退火处理环形铁心有测量精确度高、额定输出大等优点。由两个单独铁心组成两个次级。

The product is specially designed for vacuum circuit breaker, Measure iron core is made of the ultra micro crystal, the protection core is made of high quality after annealing. It has the advantages of high measuring accuracy, high rated output and so on. It consists of 2 individual cores which form measurement and protection.



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

ISO9001国际体系认证企业

中国人民保险公司质量承保

技术参数 Technical parameter

- 1、符合标准：GB1208-2007《电流互感器》；
- 2、额定绝缘水平12/42/75kV；
- 3、额定一次电流，准确级及相应的额定输出及抽头的电流比见表1；
- 4、负荷的功率因数为0.8(滞后)；
- 5、额定二次电流：5A；
- 6、准确级组合：
0.2(S)/0.2(S)、0.5(S)/0.5(S)、0.2(S)/0.5(S)、
5P/5P、0.2(S)/5P、0.5(S)/5P
10P/10P、0.2(S)/10P、0.5(S)/10P、5P/10P；
- 7、局部放电水平符合GB7354-1997《互感器局部放电测量》。

- 1、Standard:GB1208-2006《Current transformer》；
- 2、Rated Insulation Level：12/42/75kV；
- 3、Rated primary current，Accuracy class and Rated burden，current ratio, please check table 1
- 4、Power factor of load 0.8(lagging)
- 5、Rated secondary current：5A
- 6、accuracy class:
0.2(S)/0.2(S)、0.5(S)/0.5(S)、0.2(S)/0.5(S)、
5P/5P、0.2(S)/5P、0.5(S)/5P
10P/10P、0.2(S)/10P、0.5(S)/10P、5P/10P；
- 7、partial discharge level according to GB7354-1997《Partial discharge measurement of transformer》。

外形及安装尺寸图 Outline and installation dimension

详细尺寸见图1。
Details size as table 1

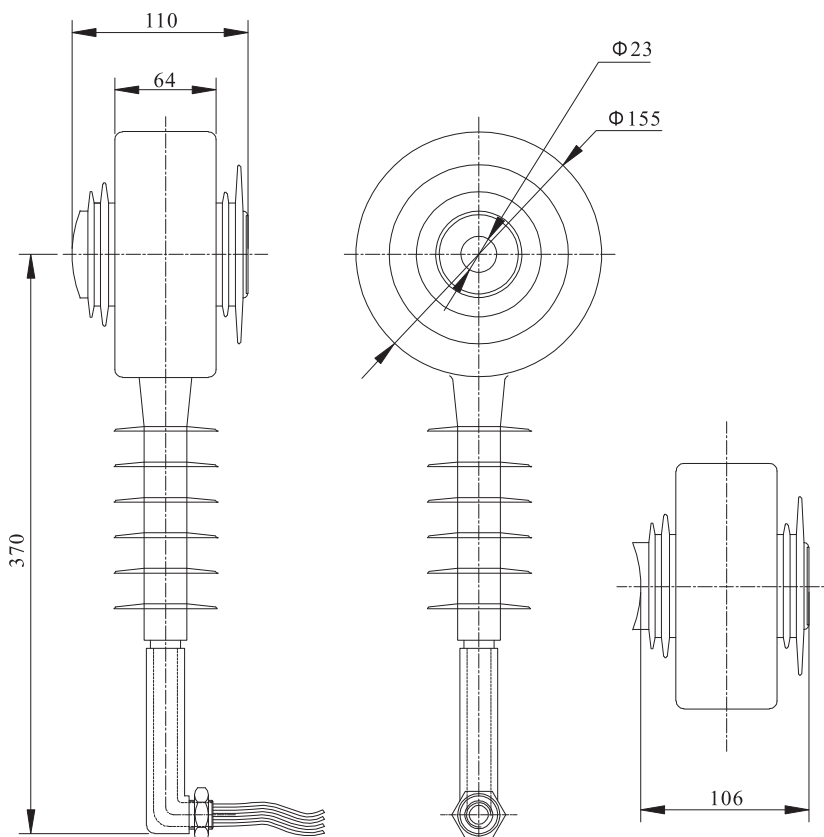


图1 LZW32-12 外形及安装尺寸图





ISO9001国际体系认证企业



中国人民保险公司质量承保

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表1 额定一次电流、额定容量及准确级 Table 1 Rated primary current、Rated burden and Accuracy class

额定一次电流(A) Rated primary current (A)	额定二次电流(VA) Accuracy class and Rated burden (VA)				备注 Note
	0.2(S)	0.5(S)	5P	10P	
100/75/50	3.75	5	5	10	表中所标示的相应输出为额定 电流比下测量，详细额定输出 见标牌。 Table show rated burden is according to left table show current ratio, we can also do rated burden according to client's requirements.
150/100/50	5	5	5	10	
200/100/50	7.5	10	10	10	
150/100/75	5	5	5	10	
200/100/75	7.5	10	10	10	
300/150/75	10	10	10	15	
400/200/100	10	10	10	15	

额定一次电流(A) Rated primary current (A)	额定二次电流(VA) Accuracy class and Rated burden (VA)				备注 Note
	0.2(S)	0.5(S)	5P	10P	
400/300/200	10	10	10	15	表中所标示的相应输出为额定 电流比下测量，详细额定输出 见标牌。 Table show rated burden is according to left table show current ratio, we can also do rated burden according to client's requirements.
500/400/300	10	10	10	15	
600/400/200	10	15	15	20	
800/600/400	10	15	15	20	
1000/800/600	10	15	15	20	

订货须知Order notice

订货时请提供下列技术参数；

- 1、额定短时热电流kA；
- 2、额定电流比；
- 3、准确级及其准确级组合；
- 4、合准确级相应的额定输出(VA)；
- 5、本机一台；
- 6、使用说明书一份；
- 7、合格证一份；
- 8、保修卡一份。

Need technical data following if arrange an order;

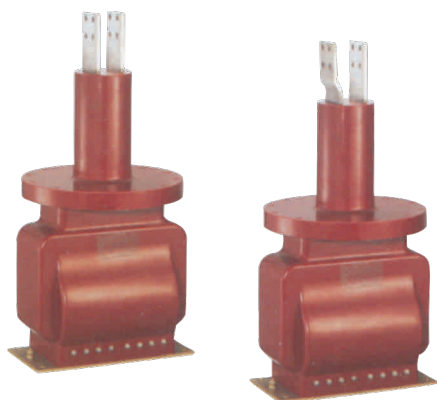
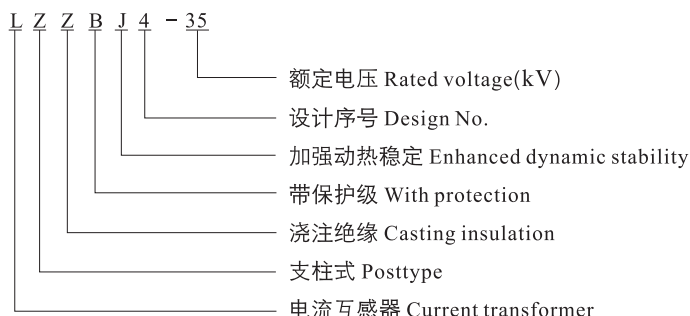
- 1.Rated short-time thermal current kA;
- 2.Current ratio;
- 3.Accuracy class;
- 4.Rated burden;
- 5.Product i:1pc
- 6.instruction manual :1pc;
- 7.Certificate of qualification: 1pc;
- 8.Warranty card : 1pc.



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中国人民保险公司质量承保

LZZBJ4-35 型支柱式全封闭浇注绝缘电流互感器**LZZBJ4-35 Post type fully enclosed casting insulation current transformer****型号含义 Type designation****概述 Summary**

本型电流互感器是针对目前正在运行的同类产品在安装和使用过程中出现的诸多质量问题及缺陷而改进设计的全封闭支柱式新产品。供额定频率为50Hz、额定电压为35kV及以下户外真空断路器中作电流、电能测量及继电保护用。

This type current transformer is a new product, which is improved in the process of installation and use of similar products with has some problems. Rated frequency 50Hz, Rated voltage 35kV or below, which is use for outdoor Vacuum circuit breaker for current, power measuring and protection.

结构特点 Structural feature

本型电流互感器为电工级环氧树脂整体浇注成型、全封闭、支柱式结构。由于采用电工级环氧树脂浇注，产品具有体积小、重量轻绝缘强度高、耐潮湿、免维护等特点。计量及测量级绕组均采用具有高导磁率、低矫顽力、低损耗及温度稳定性的超微晶圆环铁芯绕制，使产品在不同环境温度下的误差都在准确等级范围之内，从而保证了计量、测量的准确性，同时也保证了仪表保安系数 $FS \leq 10$ 的要求；保护级铁芯采用具有高导磁率、高饱和磁感应强度的优质冷轧硅钢片卷制而成，确保了保护级绕组的准确限制系数及复合误差性能。产品的高压绕组接线端在顶部，整体用上部法兰盘固定安装，下部底板用四个M10的螺栓做辅助支撑。

Current transformer for the whole class electrician epoxy resin pouring, totally enclosed, post type structure, due to the use of electrical grade epoxy resin, the product has small volume, light weight, high insulating strength, resistant to moisture, free maintenance, etc. The metering & measurement windings were made by high permeability, low coercivity, low loss and the stability of the nanocrystalline toroidal cores winding. To make products in different environment temperature errors are within the accuracy level, so as to ensure the measurement accuracy, but also to ensure that the instrument protection factor $FS \leq 10$ requirements, Protection class cores using with high permeability, high saturation magnetic induction of high-quality cold-rolled silicon steel sheet rolling, to ensure the accurate limit coefficient of the protection class windings and composite error performance. The high voltage windings wire end of the product is at the top, and the upper part is fixed with the upper flange plate, and the lower part of the bottom plate is provided with four M10 bolts.

功能特点 Features

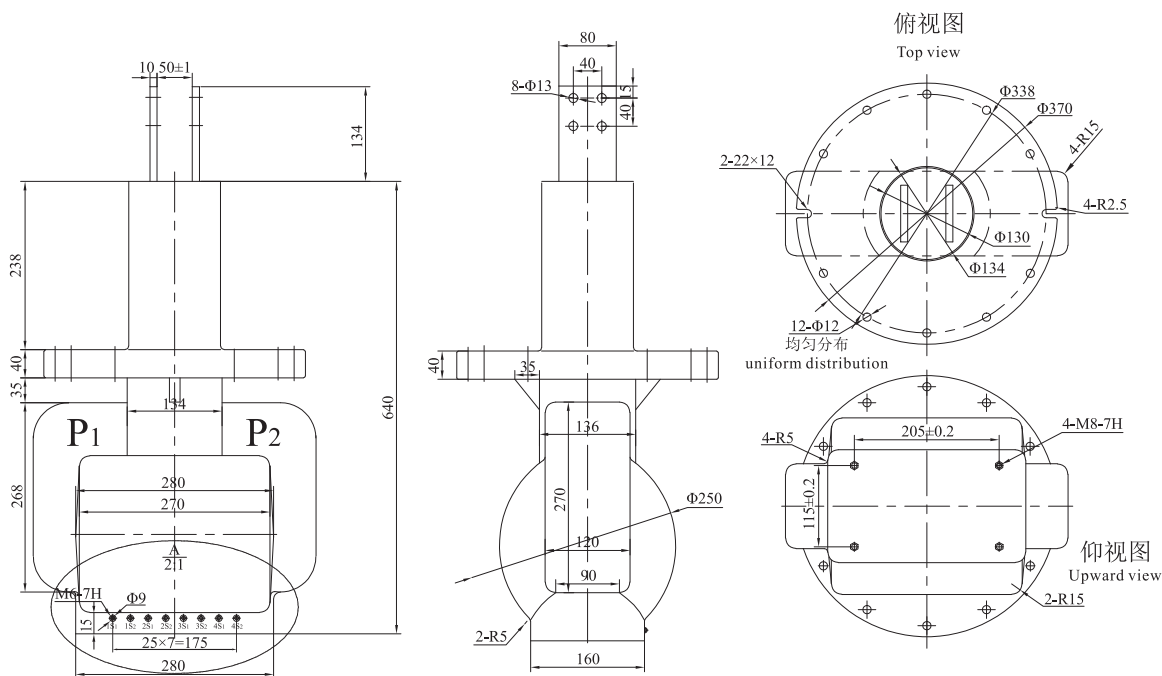
- ◇ 额定电压：35kV；
- ◇ 额定绝缘水平：40.5/95/185kV；
- ◇ 负荷功率因数： $\cos \Phi = 0.8$ (滞后)；
- ◇ 额定二次电流：5A或1A；
- ◇ 仪表保安系数： $FS \leq 10$ ；
- ◇ 产品符合标准：GB1208。
- ◇ Rated voltage :35kV；
- ◇ Rated Insulation level: 40.5/95/185kV；
- ◇ Load power factor: $\cos \Phi = 0.8$ (滞后)；
- ◇ Rated secondary current : 5A or 1A；
- ◇ Instrument security factor: $FS \leq 10$ ；
- ◇ Standard: GB1208.



技术参数 Technical parameter

额定一次电流 (A) Rated primary current (A)	准确级组合 Accuracy class combination	准确级及额定输出(VA) Accuracy class & rated burden (VA)		4秒热电流(kA) 4S Thermal current	额定动稳定电流 (kA) Rated dynamic stability current (kA)
5-50	0.2S/0.5/10P10 0.2/0.5/10P10 0.2S/10P10/10P10 0.2/10P10/10P10 0.5/10P10/10P10 0.2S/0.5/10P10/10P10 0.2/0.5/10P10/10P10 0.2S/10P10/10P10/10P10 0.2/10P10/10P10/10P10 0.5/10P10/10P10/10P10 10P10/10P10/10P10 10P10/10P10/10P10/10P10	0.2S 0.2	15	3	7.5
		0.5	25		
		10P10	50		
75		0.2S 0.2	15	5	12.5
		0.5	25		
		10P10	50		
100		0.2S 0.2	15	8	20
		0.5	25		
		10P10	50		
150		0.2S 0.2	15	12	30
		0.5	25		
		10P10	50		
200		0.2S 0.2	15	16	40
		0.5	25		
		10P10	50		
300 400		0.2S 0.2	15	20	50
		0.5	25		
		10P10	50		
600		0.2S 0.2	15	31.5	80
		0.5	25		
		10P10	50		
800 1000 1200 1500 1600		0.2S 0.2	15	40	100
		0.5	25		
		10P10	50		

外形及安装尺寸图 Outline and installation dimension



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