



## LDZB7-35 型电流互感器

## LDZB7-35 Current Transformer

### 概述 Description

适用于额定频率50Hz或60Hz、额定电压35kV及以下的电力系统中，作电气测量、电气保护用。

Type LDZB7-35 current transformer is used for metering and protective relaying purposes for installation in indoor up to rated voltage 35kV.

### 型号含义 Type designation

<b>L</b>	<b>D</b>	<b>Z</b>	<b>B</b>	<b>7</b>	<b>-</b>	<b>35</b>	
							电压等级,kV(Voltage grade,kV)
							设计序号(Design sequence)
							带保护级(With protection)
							浇注绝缘(Casting resin insulated)
							贯穿式单匝(Bushing type)
							电流互感器(Current transformer)

### 结构简介 Construction

产品为贯穿式(单匝)结构，由铁心、二次绕组和一次导电杆等组成，且全部封装在环氧浇注体内，安装板与浇注体形成一体，安装板上有供安装与接地用的嵌装螺母和二次出线端子，二闪出一处有保护罩。

The bushing type LDZB7-35 are wound current transformer, whose cores, secondary winding and primary conductor are fully encapsulated in epoxy resin. The secondary terminals possess two connection possibilities.

### 技术参数 Technical data

- 1.额定一次电流，额定二次电流，准确级及相应的额定输出；
- 2.负荷的功率因数为0.8(滞后)；
- 3.10P级准确限值系数为20；
- 4.0.5级仪表保安系数 $FS \leq 10$ ；
- 5.额定短时热电流(有效值)：45kA/1秒；
- 6.额定动稳定电流(峰值)：112.5kA；
- 7.准确级组合：0.5/10P/10P

注：在结构长度允许范围内产品的一次电流及准确级组合可以根据用户需要任意选取，可以是复合变比，也可以是四个准确级；

- 8.额定绝缘水平：40.5/95/185kV；
- 9.局部放电水平符合GB5583及IEC44-4《互感器局部放电测量》，其视在放电量不大于50pC。
1. Rated primary current, rated secondary current, accuracy class and output;
2. Power factor: 0.8(hysteresis);
3. Rated accuracy limit factor 10P20;
4.  $F_s$  of class 0.5  $\leq 10$ ;
5. Rated short-time thermal current (r.m.s. Value):45kV;

6.Rated dynamic current(peak value): 112.5kA;

7.Accuracy classes :0.5/10P/10P;

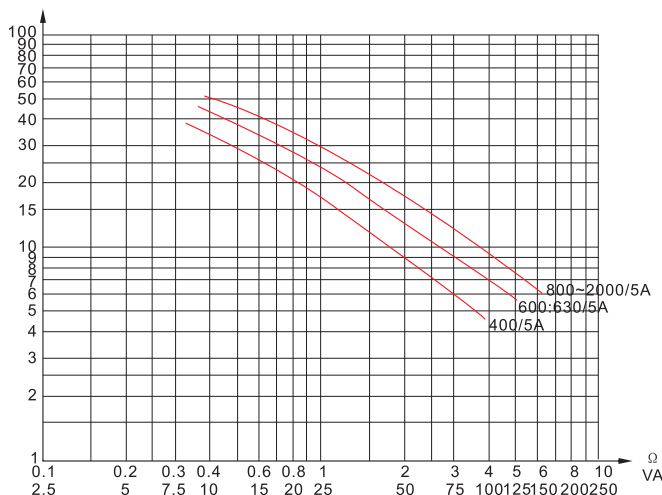
Other rated primary current and accuracy class on request. Various ration and 4 accuracy classes are available;

8.Rated insulation level:40.5/95/185kV;

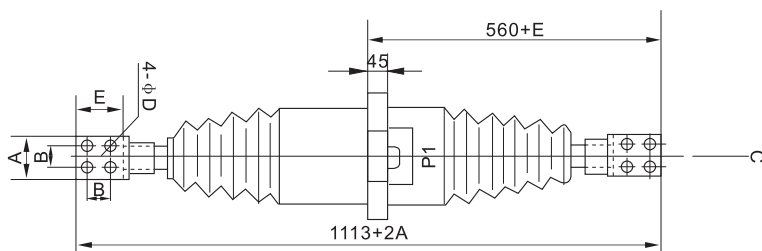
9.the measurement of partial discharge level is in accordance withGB 5583and IEC44-4.Apparent partial discharge level not more than 50Pc.

额定一次电流 Rated primary current(A)	额定二次电流 Rated secondary current(A)	准确级及相应的额定输出 Accuracy class and rated output(vA)		
		0.5	10P	
400	5	25	20	
600; 630			30	
800		40		40
1000				
1200; 1250				
1500; 1600				
2000				

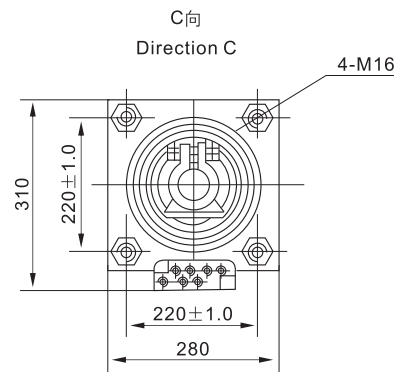
**10P 级准确限值系数**  
Accuracy limit factor of class 10P



**外形尺寸 Overall Dimension**



规格 standards	D	A	B	E
400/5; 600/5; 630/5; 800/5; 1000/5A	φ 14	80	40	85
1200/5; 1250/5; 1500/5; 1600/5; 2000/5A	φ 18	100	50	105



**400-2000/5A**