



## LZZB7-35GYW1 型电流互感器

## LZZB7-35GYW1 Current Transformer

### 概述 Description

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35kV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IEC44185及GB 1208-1997《电流互感器》标准。

The current transformer of the type LZZ735GYW1 is casting resins and fully enclosed. It is used for metering electric energy and current, relay protection in the electrical system up to rated frequency 50Hz or 60Hz and rated voltage 35kV. The transformers can be executed according to the standards IEC185 and GB1208-1997.

### 型号含义 Type designation

|          |          |          |          |          |             |           |          |                                  |
|----------|----------|----------|----------|----------|-------------|-----------|----------|----------------------------------|
| <b>L</b> | <b>Z</b> | <b>Z</b> | <b>B</b> | <b>7</b> | <b>- 35</b> | <b>W2</b> | <b>A</b> |                                  |
|          |          |          |          |          |             |           |          | 结构代号(The construction code name) |
|          |          |          |          |          |             |           |          | Ⅲ级污秽(Pollution class, III class) |
|          |          |          |          |          |             |           |          | 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)    |
|          |          |          |          |          |             |           |          | 支柱式(Post type)                   |
|          |          |          |          |          |             |           |          | 电流互感器(Current transformer)       |

### 结构简介 Construction

本型电流互感器为全封闭支柱式结构，耐污染及潮湿。本产品有两种不同的结构尺寸。LZZB7-35是LCZ-35替代品。

This current transformer is fully enclosed and posts type. It has a good ability of antipollution and moisture-proof especially being used in damp tropics and highland. This product has two different striations and size. It is a new product for superseding the current transformer of the type LCZ-35.

### 技术参数 Technical data

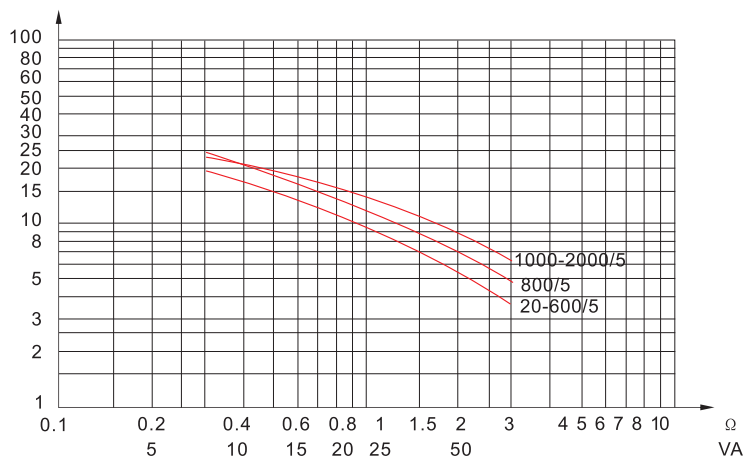
- 1.额定绝缘水平: 40.5/95/185kV;
- 2.额定二次电流: 5A,1A;
- 3.额定一次电流、准确级、额定输出及热稳定电流见表;
- 4.产品局部放电符合GB1208-1997《电流互感器》标准要求;
- 5.保护级准确系数与二次负荷关系曲线见图。
- 1.Rated insulation level: 40.5/95/185kV;
- 2.Rated secondary current:5A,1A;
- 3.Rated primary current, accuracy class, rated output ,dynamic and thermal current see form.
- 4.The conditions of the partial discharge test according to GB12081997 《Current transformer》 will be fulfilled without exception;
- 5.The relation curve between protection class accuracy limit factor and secondary output see fig.

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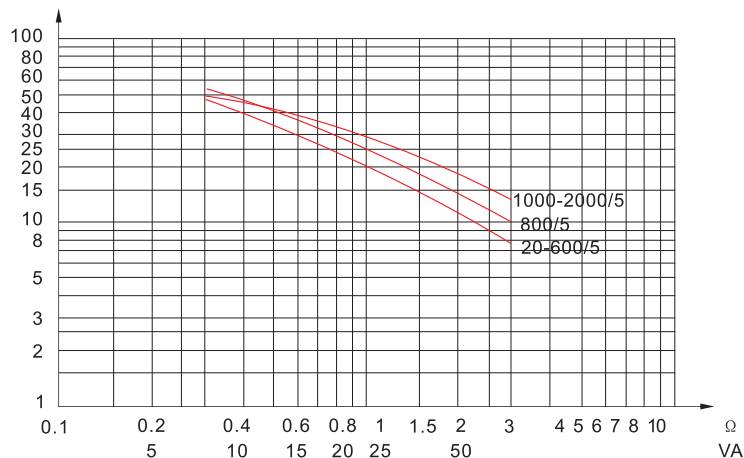
| 额定一次<br>电流 Rated<br>primary<br>current(A) | 准确级组合<br>Accuracy<br>class                                                                                                                                  | 额定输出<br>Rated output(VA)                                                                              | 额定短时热电流 (I <sub>th</sub> )<br>Rated short time<br>thermal current<br>(KA) | 额定动稳定电流 (I <sub>dyn</sub> )<br>Rated dynamic<br>current(KA) |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------|
| 20                                        | 0.2/10P10<br>0.5/10P10<br>0.2/10P20<br>0.5/10P20<br>0.2/0.5/10P10<br>0.2/0.5/10P20<br>0.2/0.5/10P10/10P10<br>0.5/10/10/10P10/10P10<br>0.2/10P10/10P10/10P10 | 30/50<br>50/50<br>30/25<br>50/25<br>20/50/50<br>20/50/25<br>20/50/50/50<br>30/20/50/50<br>20/20/50/50 | 6                                                                         | 15                                                          |
| 30                                        |                                                                                                                                                             |                                                                                                       |                                                                           |                                                             |
| 40                                        |                                                                                                                                                             |                                                                                                       |                                                                           |                                                             |
| 50                                        |                                                                                                                                                             |                                                                                                       |                                                                           |                                                             |
| 75                                        |                                                                                                                                                             |                                                                                                       |                                                                           |                                                             |
| 100                                       |                                                                                                                                                             |                                                                                                       | 12                                                                        | 30                                                          |
| 150                                       |                                                                                                                                                             |                                                                                                       | 16                                                                        | 40                                                          |
| 200                                       |                                                                                                                                                             |                                                                                                       | 25                                                                        | 62.5                                                        |
| 300                                       |                                                                                                                                                             |                                                                                                       | 32                                                                        | 80                                                          |
| 400                                       |                                                                                                                                                             |                                                                                                       |                                                                           |                                                             |
| 500                                       |                                                                                                                                                             |                                                                                                       |                                                                           |                                                             |
| 600                                       |                                                                                                                                                             |                                                                                                       |                                                                           |                                                             |
| 750                                       | 0.2/10P10<br>0.5/10P10<br>0.2/10P20<br>0.5/10P20<br>0.2/0.5/10P10<br>0.2/0.5/10P20<br>0.2/0.5/10P10/10P10<br>0.5/10/10/10P10/10P10<br>0.2/10P10/10P10/10P10 | 50/50<br>50/50<br>50/30<br>50/30<br>30/50/30<br>30/50/50<br>20/50/50/50<br>30/20/50/50<br>20/20/50/50 | 63                                                                        | 130                                                         |
| 800                                       |                                                                                                                                                             |                                                                                                       |                                                                           |                                                             |
| 1000                                      |                                                                                                                                                             |                                                                                                       |                                                                           |                                                             |
| 1200                                      |                                                                                                                                                             |                                                                                                       |                                                                           |                                                             |
| 1500                                      |                                                                                                                                                             |                                                                                                       |                                                                           |                                                             |
| 2000                                      |                                                                                                                                                             |                                                                                                       |                                                                           |                                                             |
| 2000                                      |                                                                                                                                                             |                                                                                                       |                                                                           |                                                             |
| 2000                                      |                                                                                                                                                             |                                                                                                       |                                                                           |                                                             |
| 2000                                      |                                                                                                                                                             |                                                                                                       |                                                                           |                                                             |
| 2000                                      |                                                                                                                                                             |                                                                                                       |                                                                           |                                                             |

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

→  
LZZB7-35W2、LZZB7-35A  
20VA 10P 级准确限值系数  
Accuracy limit factor of class 10P



→  
LZZB7-35W2、LZZB7-35A  
50VA 10P 级准确限值系数  
Accuracy limit factor of class 10P



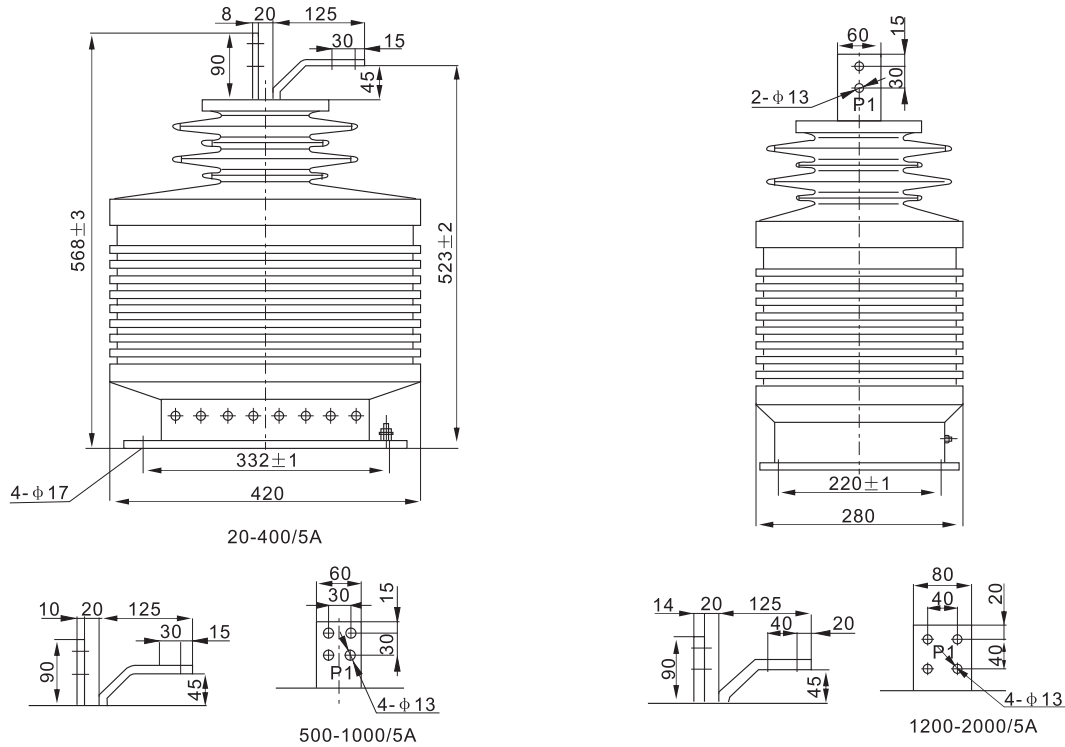
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电流互感器 户内 环氧浇注

Current Transformer indoor resin casting type

## 外形尺寸 Overall Dimension

### LZZB7-35W2 Overall Dimension



### LZZB7-35A Overall Dimension

