

LZZBJ9-12/175b/2(4) 系列电流互感器

LZZBJ9-12/175b/2(4) series current transformers

概述 Summarize

LZZBJ9-12/175b/2(4) 系列电流互感器适用于额定频率为 50Hz 或 60Hz、额定电压为 10kV 的电力系统中，作电能计量、电流测量和继电保护用。
产品执行标准为 GB20840.1-2010、GB20840.2-2014。

The LZZBJ9-12/175b/2(4) series current transformers are suitable for power systems with a rated frequency of 50Hz or 60Hz and a rated voltage of 10kV, and are used for electric energy metering, current measurement and relay protection.

The product execution standards are GB20840.1-2010 and GB20840.2-2014.



型号及其含义 Model and its meaning

L Z Z B J 9 - 12 / 175 b/2(b/4)

L	结构代号 Structure code
Z	标称宽度 Nominal width
Z	设备最高电压 (kV)
B	Maximum voltage of the equipment (kV)
J	设计序号 Design serial number
9	加强型 Enhanced type
-	带保护级 With protection level
12	浇注绝缘 Cast insulation
/	支柱式 Pillar type
175	电流互感器
b/2(b/4)	



正常使用条件 Normal service condition

- 安装场所：户内。
- 环境温度：最高气温 40℃；最低气温 -5℃；日平均气温不超过 30℃。
- 大气条件：大气中无严重污秽。
- Installation site: Indoor.
- Ambient temperature: Maximum air temperature 40℃ ; The minimum temperature is -5℃ . The daily average temperature does not exceed 30℃ .
- Atmospheric conditions: There is no severe pollution in the atmosphere.

技术参数 Technical parameter

LZZBJ9-12/175b/2 型电流互感器技术参数表 LZZBJ9-12/175b/2 Type Technical parameter table of Current Transformer

产品型号 Product model	额定一次电流 (A) Rated primary current	准确级组合 Accuracy level combination	额定输出 (VA) Rated output	额定短时热电流 (kA/s) Rated short-term thermal current	额定动稳定电流 (kA) Rated dynamic stability current
LZZBJ9-12/175b/2	5	0.2/10P10 0.5/10P10 0.2/10P15 0.5/10P15 0.2S/10P30	10/15 10/15 10/15 15/15 15/15	0.6	1.5
	10			1.2	3
	15			1.8	4.5
	20			2.4	6
	30			3.6	9
	40			4.8	12
	50			6	15
	75			9	22.5
	100			12	30
	150			18	45
	200			21	52.5
	300	0.2/10P10 0.5/10P10 0.2/10P15 0.5/10P15 0.2S/10P30	10/15 10/15 10/20 15/20 15/15	24.5	61.25
	400			32	80
	500				
	600				

产品型号 Product model	额定一次电流 (A) Rated primary current	准确级组合 Accuracy level combination	额定输出 (VA) Rated output	额定短时热电流 (kA/s) Rated short-term thermal current	额定动稳定电流 (kA) Rated dynamic stability current
LZZBJ9-12/175b/2	800	0.2/10P10	15/20	50	125
	1000	0.5/10P10	15/20		
	1200	0.2/10P15	15/20		
	1250	0.5/10P15	30/20		
	1500	0.2S/10P30	15/15	63	157.5
	2000	0.2/10P10	15/20		
	2500	0.5/10P10	15/20		
	3000	0.2/10P15	20/20		
	3150	0.5/10P15	30/20		
		0.2S/10P30	15/15		

LZZBJ9-12/175b/4 型电流互感器技术参数表 LZZBJ9-12/175b/4 Type Technical parameter table of Current Transformer

产品型号 Product model	额定一次电流 (A) Rated primary current	准确级组合 Accuracy level combination	额定输出 (VA) Rated output	额定短时热电流 (kA/s) Rated short-term thermal current	额定动稳定电流 (kA) Rated dynamic stability current
LZZBJ9-12/175b/4	5	0.2/0.2/5P10 0.2/0.5/5P15 0.2/0.5/5P20 0.2/5P10/10P15 0.5/5P10/10P20 0.2S/0.5/5P30/5P30	10/10/20 10/10/15 10/10/15 10/15/15 10/15/15 10/10/15/15	0.6	1.5
	10			1.2	3
	15			1.8	4.5
	20			2.4	6
	30			3.6	9
	40			4.8	12
	50			6	15
	75			9	22.5
	100			12	30
	150			18	45
	200			21	52.5
	300	0.2/0.2/5P10 0.2/0.5/5P15 0.2/0.5/5P20 0.2/5P10/10P15 0.5/5P10/10P20 0.2S/0.5/5P30/5P30	10/10/20 10/10/20 10/15/15 10/15/20 15/15/15 10/10/15/15	24.5	61.25
	400			32	80
	500				
	600				
	800			50	125
	1000	0.2/0.2/5P10 0.2/0.5/5P15 0.2/0.5/5P20 0.2/5P10/10P15 0.5/5P10/10P20 0.2S/0.5/5P30/5P30	10/10/30 15/15/20 15/20/20 10/15/15 15/15/20 10/10/15/15	50	125
	1200				
	1250				
	1500			63	157.5
	2000				
	2500				
	3000	0.2/0.2/5P10 0.2/0.5/5P15 0.2/0.5/5P20 0.2/5P10/10P15 0.5/5P10/10P20 0.2S/0.5/5P30/5P30	15/15/30 15/15/20 15/30/20 15/15/20 15/20/15 10/10/15/15	63	157.5
	3150				

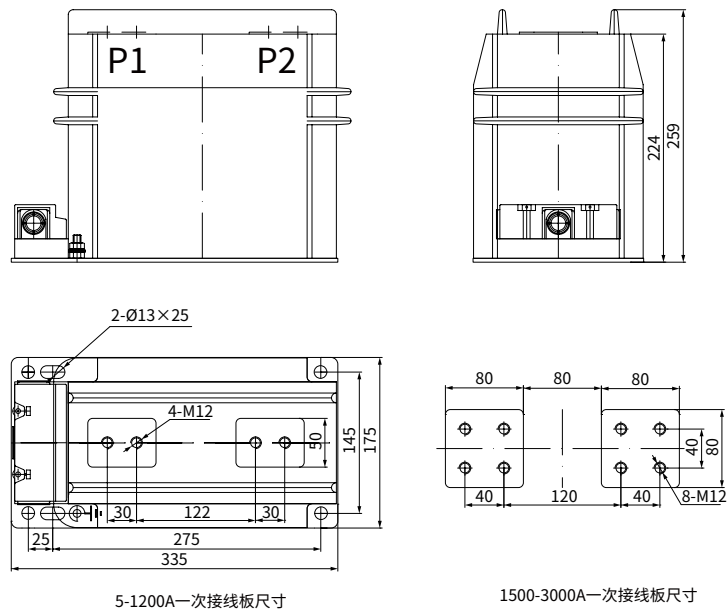
- 额定二次电流 : 5A 或 1A, 额定绝缘水平 : 12/42/75kV。
- Rated secondary current: 5A or 1A, rated insulation level: 12/42/75kV.

结构与特点 Structure and characteristics

本系列电流互感器为环氧树脂浇注全封闭结构, 具有优良的绝缘性能和防潮能力。产品结构紧凑、体积小、重量轻且容易表面清洁。二次出线端子处装有接线端子盒, 安全可靠。产品底板上有接地螺栓及供安装用的六个安装孔。

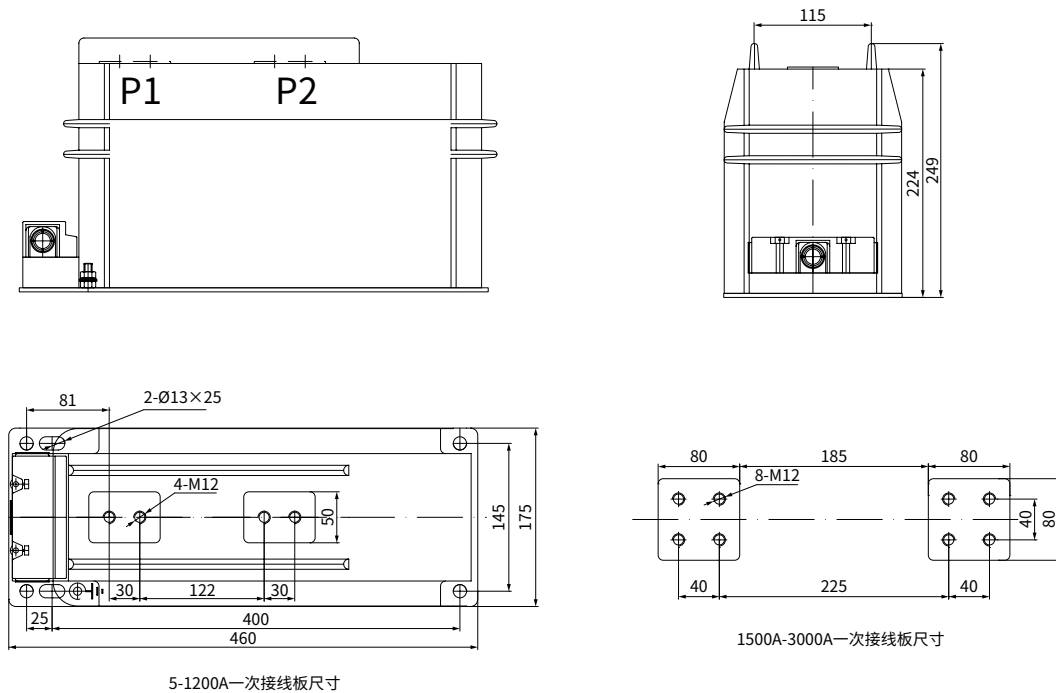
This series of current transformers are of fully enclosed structure with epoxy resin casting, featuring excellent insulation performance and moisture-proof capability. The product features a compact structure, small size, light weight and easy surface cleaning. A terminal box is installed at the secondary output terminal, which is safe and reliable. There are grounding bolts and six installation holes for installation on the product base plate.

外形图及安装尺寸 Outline and mounting dimensions



LZZBJ9-12/175b/2 外形图及安装尺寸

LZZBJ9-12/175b/2 Outline drawing and installation dimensions



LZZBJ9-12/175b/4 外形图及安装尺寸

LZZBJ9-12/175b/4 Outline drawing and installation dimensions