



LZZ-10(AK 12) 型电流互感器

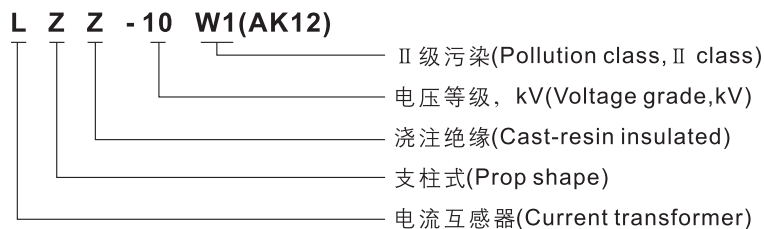
LZZ-10(AK 12) Current transformer type

概述 Description

本型电流互感器为环氧树脂浇注全封闭支柱产品，适用于额定频率为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IEC185和GB1208-1997《电流互感器》标准。

The current transformer of the type LZZ-10(AK-12) is a full enclosed and prop shape product. It is used for metering electric energy and current, relay protection in the electric power system up to rated frequency 50Hz or 60Hz and rated voltage 10kV. The transformers can be executed according to the standards IEC185 and Gb1208-1997.

型号含义 Type designation



结构简介 Construction

本型电流互感器为支柱式结构，一次绕组和二次绕组及其铁心组合在一起的器身封闭在环氧树脂混合料的浇注体内，一次绕组P1、P2端由产品顶部引出，二次绕组接线端S1、S2由产品下部产品下部侧面引出。

The type of current transformer is a full enclosed and prop shape product. The primary winding, secondary winding and core are made up together and poured in the cast. The primary winding's terminal, P1 and P2, is on the product, and the secondary winding's terminal, S1 and S2, is leaded out underside of the product.

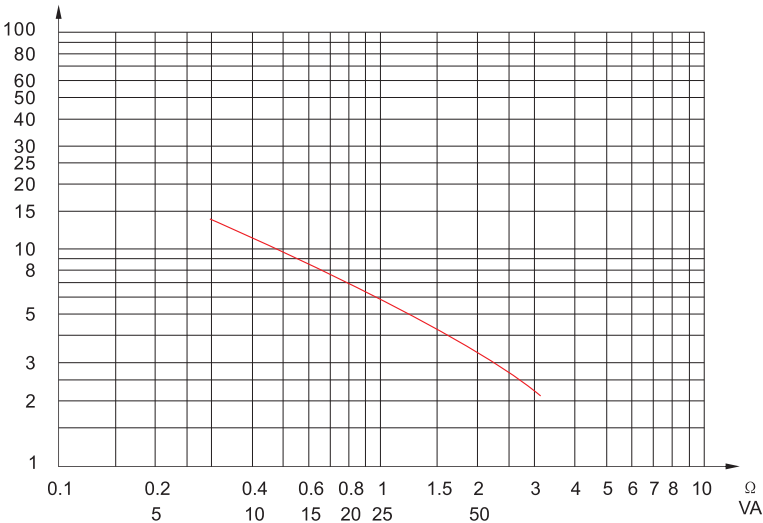
技术参数 Technical data

- 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、额定输出及额定短时电流见表;
- 4.局部放电水平符合GB1208-1997《电流互感器》标准;
- 5.本型电流互感器与微机配合使用时, 0.2、0.5级二次负荷可下延至1VA;
- 6.保护准确限值系数与二次负荷关系曲线见图1。
- 1.Ratd insulation level: 12/42/75kV;
- 2.Rated secondary current: 5A, 1A;
- 3.Rated primary current, accuracy class, rated output and rated short-time current, see form;
- 4.The conditions of the partial discharge test according to B1208-1997《Current transformer》will be fulfilled without exception;
- 5.If connected the computer, the secondary load of class 0.2 and 0.5 can come up 1VA;
- 6.The relation curve between protection class accuracy limit factor and secondary output see fig1.

表(table)1

额定一次电流 Rated primary current(A)	准确级 Accuracy class	额定输出 Rated output(VA)			额定短时热电流(Ith) Rated short time thermal current (KA)	额定动稳定电流 (Idyn) Rated dynamic current(KA)
		0.2	0.5	10P10		
50	0.2 0.5 10P10	10	15	10	7.5	19
75					11.25	28
100					15	37.5
150					22.5	56
200					30	75
300					40	100
400						
500						
600						
630						

➔
10P 级准确限值系数
Accuracy limit ractor of class10P



外形尺寸 Overall Dimension

