

## LB-10W 型电流互感器

## LB-10W Current Transformer

### 概述 Description

本型电流互感器是钢箱油浸式，户外户内两用装置，供频率50Hz的系统中，作电流、电能测量及继电保护之用。

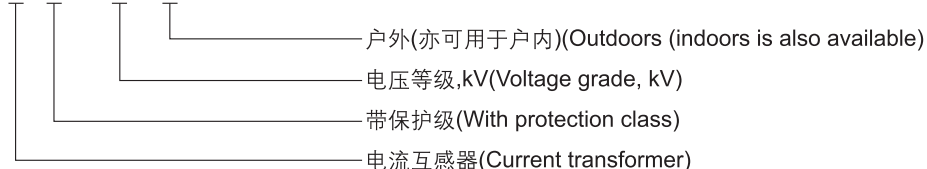
本型互感器允许在额定电流120%的情况下长期运行。适用于海拔高度不超过4000米，周围气温最大变化不超过-25℃~+40℃的地区。

The type current transformer is a kind of steel tank oil-immersed type of current transformer providing current and electric energy measurement and relaying protection to system with the frequency of 50 Hz.

The current transformer carries out the long operation under the conditions for 20% of rated current, It is used in the fields of altitude not exceed 4000m, and max. Change of ambient temperature not exceed -25℃~+40℃.

### 型号含义 Type designation

L B - 10 W



### 结构简介 Construction

本型互感器为单油浸自冷气式适用于户外(户内)，互感器内装绝缘和冷却用的变压器油，并采用真空过滤油和真空注油工艺。10kV级油面距箱盖约为15毫米，箱盖上面装有注油阀，(阀上有气孔)并有防雨、雪护盖。35kV级套管上装有储油壶，储油壶内有隔膜，例使变压器油不与空气接触，减缓了油的氧化速度。互感器热稳定75倍，动稳定187.5倍。本产品分单变比单次级，单变比双次级，双变比单次级，双变比双次级四种型式。其中计量用CT为0.2级，继保监控用CT分别有0.2、0.5、1、3(D)级等。

The transformer is made of single-phase oil-immersed type self-cooling type, which can be used indoors or outdoors. There are insulation and oil for cool down the transformer installed inside the transformer. It adopts vacuum oil-filter and vacuum oiling arts. The distance between Class 10kV fuel and cover is about 15mm, there is an oiling valve installed above the cover, (there is an air hole on the valve) with water-proof and snow-proof cover. There is an oil tank inside the Class 35kV tube, The diaphragm inside the oil tank can make the oil be separated from the air, which decreases the oil oxidizing speed. Transformer thermal stability 187.5 times. The product has four models: single-ratio single secondary, single ratio double secondary, double ratio single secondary and double ratio double secondary. CT for measurement, it is Class 0.2, CT for continuous protection control, it is Class 0.2, 0.5 and 1.3(D), etc.

JOSEF约瑟

电流互感器 户外 油浸式

Current Transformer Outdoor Oil-insulated

使用条件 Tecusing condition

- 1.安装场所：户内，户外；

2.环境温度：-25℃~+40℃；

3.环境条件：最大相对湿度≤95%；

4.海拔高度：≤2000m；

5.污秽等级：Ⅱ级。
- 1.Fixing locttion: location, outdoor;

2.Ambient temperature: -25℃~+40℃；

3.Ambient condition：max relative humidity≤95%;

4.Altitude: ≤2000m;

5.Antipollution class: class Ⅱ.

技术参数 Technical data

额定一次 电流 Rated primary current(A)	级次组合 Accuacy classes combination	额定输出 Rated output (vA)	额定短时热电流 Rated short-time thermal current (kA)	额定动稳定电流 Rated dynamic current (kA)	备注 Remarks
20	0.2/0.2 0.2/0.5 0.5/0.5 0.2/10P10 0.5/10P10	10/10 10/15 15/15 10/20 15/20	1.8	3.0	二次单绕组或 双绕组均可 Secondary is single winding or double windings that they are all ok.
30			2.7	4.5	
40			3.6	6.0	
50			4.5	7.5	
75			6.75	11.25	
100			9.0	15	
150			13.5	22.5	
200			18	30	
300			27	45	
400			30	50	

外形尺寸 Overall Dimension

