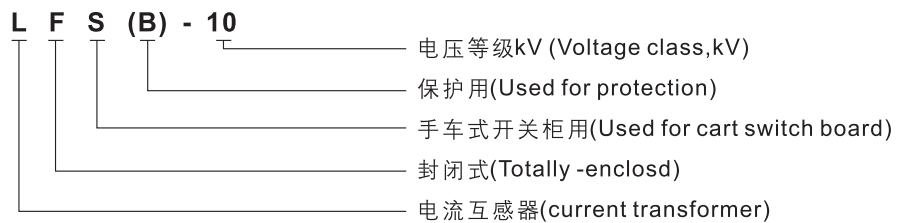


**LFS(B)-10 型电流互感器****LFS(B)-10 Current transformer type****概述 Description**

LFS(B)-10型电流互感器为环氧浇注全封闭式结构，适用于额定频率为50Hz或60Hz，额定电压为10kV及以下户内装置的电力系统中作电气测量和电气保护用。

Both LFS(B)-10 Current transformers are cast resin insulated and totally-enclosed. They're designed for power measurement and relay protection in indoor power system with rated frequency 50Hz or 60Hz, rated voltage 10kV and below.

型号含义 Type designation**结构简介 Construction**

本型电流互感器的一次绕组、二次绕组及铁心，均包封在环氧树脂浇注的绝缘体内，为全封闭式结构；具有优良的绝缘性能和防潮能力、可在潮湿、表面凝露及二级污秽条件下正常运行，体积小，重量轻，适宜于任何位置、任意方向安装，底部有四个M10螺孔供安装使用。

The core ,primary and secondary windings are totally-enclosed in epoxy resin insulation. It has better insulating and moisture proof performances and can work under the circumstances of humidity, condensation and pollution II . It's small in size, light in weight and suitable for installation at any position and direction. Four M10 mounting poles are on the bare plate for mounting.

使用条件 Service conditon

- 1.海拔高度不超过1000m;
- 2.周围环境温度不高于+40℃，不低于-5℃；
- 3.周围空气的相对湿度不大于85%(20℃);
- 4.本产品已通过直接振动试验，能承受住相当于里氏九级裂度的加速度为0.4g正弦三波的耐振试验。
- 1.Altitude :Not over 1000m;
- 2.Ambient temperature: - 5℃to +40℃;
- 3.Relative humidity: less than 85%, at 20℃;
- 4.The product has passed the divect vibration test with the intensity of 0.4g three sine waves, equivalent to nice- degree earth quake on the richter scale.

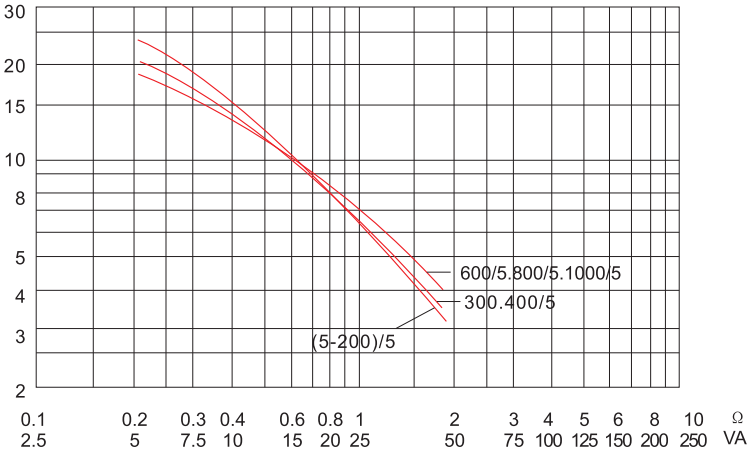
技术参数 Technical data

- 1.产品性能符合IEC标准和GB120887《电流互感器》；
- 2.额定绝缘水平：11.5/42/75kV；
- 3.负荷的功率因数为0.8(滞后)；
- 4.额定二次电流：5A(也可做1A)；
- 5.额定一次电流、准确级组合、各准确级相应的额定输出以及动、热稳定电流见表1；
- 6.局部放电水平符合GB5583-85及IEC44-4《互感器局部放电测量》；其视在放电量不大于50PC；
- 7.10P级准确限值系数与二次负荷关系曲线见图。
- 1.Performance conforms with IEC standard and GB120887《Current transformer》；
- 2.Rated insulation levle:11.5/42/75kV；
- 3.The power factor of burden is 0.8(lagging)；
- 4.Rated secondary current :5A(or 1A)；
- 5.Rated primary current, combination of accuracy classes ,each accuracy classes and corresponding rated output; peak and thermal withstand current see table 1；
- 6.Partial discharge level is in accordance with GB5583-85 and IEC 44-4《Measurenet of partial discharge of instrument trans-former》, the apparent partial discharge level will not exceed 50PC；
- 7.The relationship curve between accuracy limitfactor of class 10P and secondary burden see figure1.

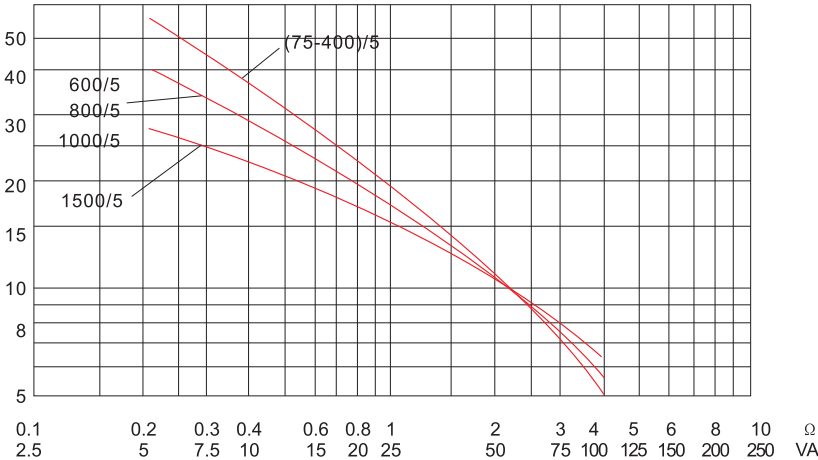
表(table)1

型号 Type	额定一次电流 Rated primary current (A)	准确级组合 Accuracy classes combination	额定输出 Rated output(VA)			1秒热稳定电流(KA有效值) Ith/1s(r.m.s)	动稳定电流(KV峰值) Idyn(speak)
			0.2	0.5	10P		
LFS-10	5-200	0.2/0.2 0.2/0.5 0.2/10P 0.5/10P	10	10	15	80 I 1n	200 I 1n
	300					70 I 1n	170 I 1n
	400					60 I 1n	150 I 1n
	600					50 I 1n	120 I 1n
	800					50 I 1n	100 I 1n
	1000					50 I 1n	80 I 1n
LFSB-10	75-200	0.2/10P 0.5/10P	10	10	50	80 I 1n	200 I 1n
	3200					70 I 1n	170 I 1n
	400					60 I 1n	150 I 1n
	600					50 I 1n	120 I 1n
	800					50 I 1n	100 I 1n
	1000					50 I 1n	800 I 1n

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

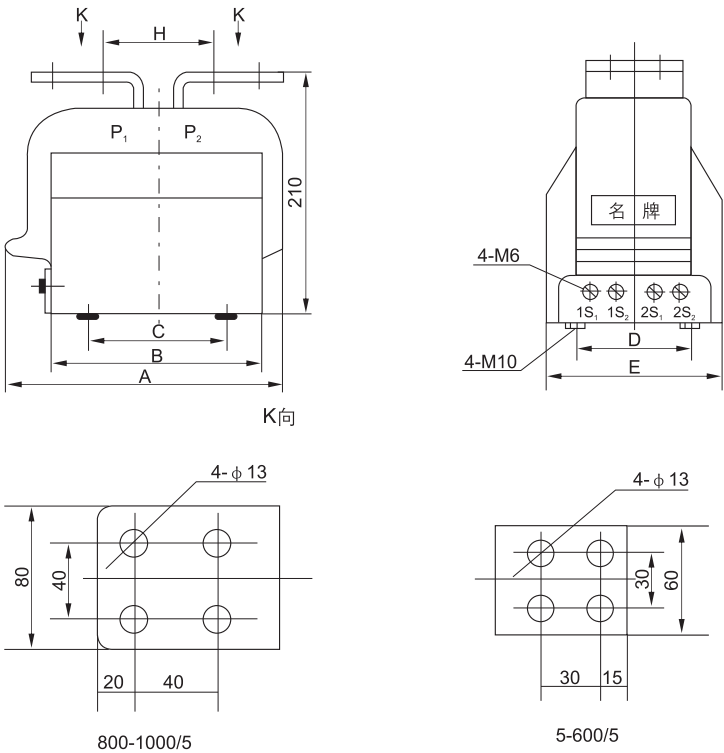


10P 级准确限值系数
Accuracy limit factor of class10P
LFSB-10



外形尺寸 Overall Dimension

LFS(B) Overall Dimension



型号 Type	额定一次 电流(A) Rated primary current(A)	A	B	C	D	E	H
LFS-10	5-600	240	180	116	90	140	84
	800-1000						94
LFSB-10	75-600	320	246	186	100	150	120
	80-1000						130