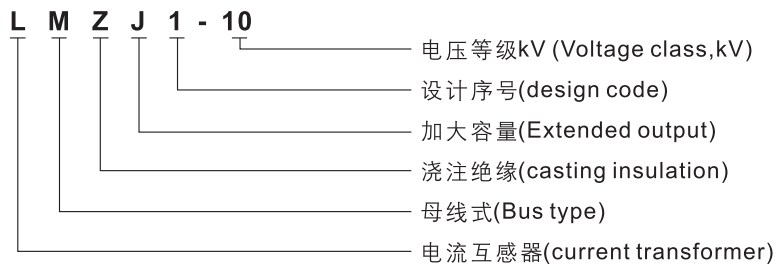


电流互感器 穿墙式户内环氧浇注**Current transformer wall through type Indoor. And resin casting type****LMZ-10(LMZJ1-10) 型电流互感器****LMZ-10(LMZJ1-10) Current transformer type****概述 Description**

LMZ-10、LMZJ1-10型浇注绝缘母线浇注式电流互感器，供额定频率为50Hz、额定电压为10kV的电力系统中作电流、电能测量和继电保护用。

LMZ-10、LMZJ1-10 the current transformer is bus type and epoxy resin insulated. It is designed for current power measurement and relay protection in a power system with rated frequency 50Hz and rated voltage 10kV.

型号含义 Type designation**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.

结构简介 Construction

本型互感器的铁心为圆环形，二次绕组均匀地绕在铁心上，用环氧树脂浇注成型，浇注体固定在铝合金的穿墙面板上，其上有名牌，接地螺栓及四个安装孔。

The current transformer is provided with a ring core. The secondary windings are wound on the core evenly, which are then cast with epoxy resin and fixed on an alluminium alloy flange which is fitted with rating plate, earthing bolt , and 4 holes for mounting.

技术参数 Technical data

产品性能符合IEC标准和GB1208-87《电流互感器》。

- 1.主要技术数据: (见下表);

- 2.额定绝缘水平:

工频耐受电压: 40kV。

雷电冲击耐受电压: 全波75kV。

- 3.10级准确限值系数与额定二次负荷的关系曲线如表3。

Performance conforms with IEC standard and GB1208-87 Current Transformer.

- 1.Main technical data;
- 2.Rated insulation level:
Power frequency withstand voltage:42kV.
Lightning impulse withstand voltage: full wave,75kV.
- 3.Relation of accuracy limit factor and secondary burden is sho.

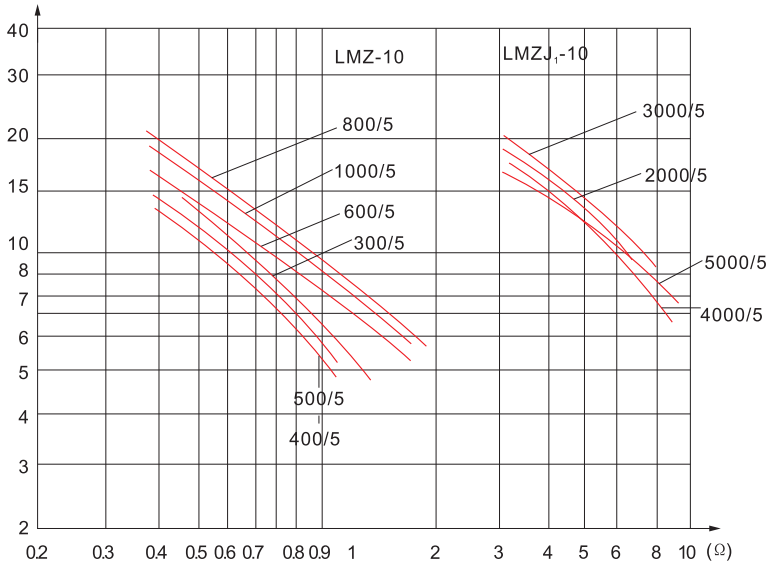
表(Table)1

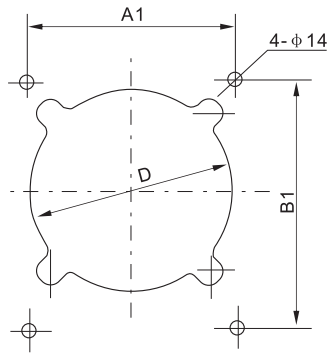
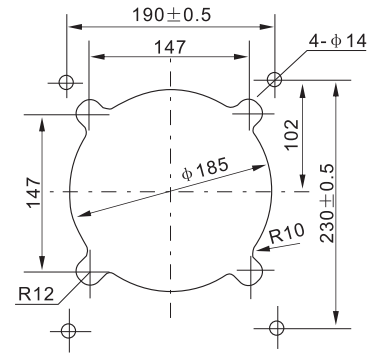
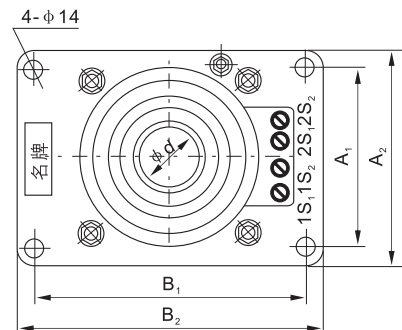
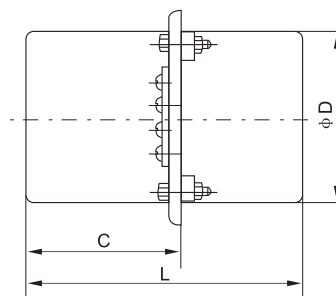
型号 type	额定电压 Rated voltage (kV)	额定一次 电流(A) Rated primary current(A)	额定二次 电流(A) Rated secondary current(A)	准确级组合 Accuracy classes	额定二次负荷 Rated secondary burden			10P级准确 限值系数 Accuracy limit factor for 10P
					0.5级 class 0.5	3级 class 3	10P级 class 10P	
LMZ-10	10	300-1000	5	0.5/3 0.5/10P	10	15	15	10
LMZJ1-10	10	1500	5	0.5/10P	40		80	15
		2000,3000 4000,5000			60		100	

表(Table)2

型号 type	额定一次 电流(A) Rated primary current(A)	准确级组合 Accuracy classes	L (mm)	C (mm)	D (mm)	d (mm)	A ₁ (mm)	A ₂ (mm)	B ₁ (mm)	B ₂ (mm)	重量 weight kg
LMZ-10	300	0.5/3 0.5/10P	220	125	136	33	140	170	206	236	7.5
	400					43					
	500-600				145	53					
	750-800					63					
	1000		225	132	173	85	165	195	230	260	8.2
LMZJ1-10	1500~2000	0.5/10P	276	173	240	128	256	296	346	346	25.8
	3000			177	256	143					
	4000	0.5/10P	276	168	305	170	300	340	420	420	26.5
	5000										

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



JOSEF约瑟**电流互感器 穿墙式户内环氧浇注****Current transformer wall through type Indoor. And resin casting type****开孔尺寸 Hole dimension**LMZ-10型开孔尺寸(300-1000/5)
详见表2 (图A)LMZJ1-10型开孔尺寸(1500-5000/5)
详见表2 (图B)**A****B****外形尺寸 Overall Dimension****图(Drawing)A**LMZ-10(300-1000)A
Overall Dimension
详见表2**图(Drawing)B**LMZJ1-10(1500-5000)A
Overall Dimension
详见表2