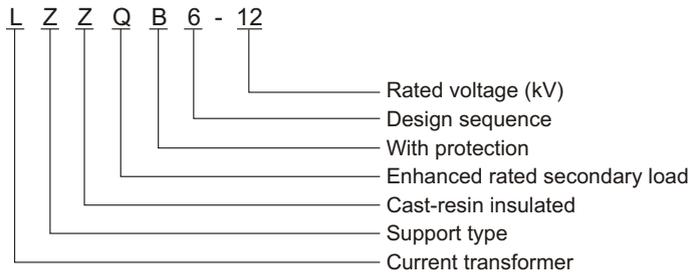


LZZQB6-12 Current Transformer

Summary

The current transformer is support type epoxy resin insulated designed for current power measurement and relay protection in a power system with rated frequency 50/60Hz rated voltage 12kV.

Model



Ambient condition

1. Altitude: $\leq 1000\text{m}$;
2. Ambient temperature: $-5^{\circ}\text{C}\sim+40^{\circ}\text{C}$;
3. Relative humidity: less than 85%, at 20°C ;
4. The product has passed the direct vibration test with the intensity of 0.4g three sine waves, equivalent to nine-degree earth quake on the richter scale.

Structure feature

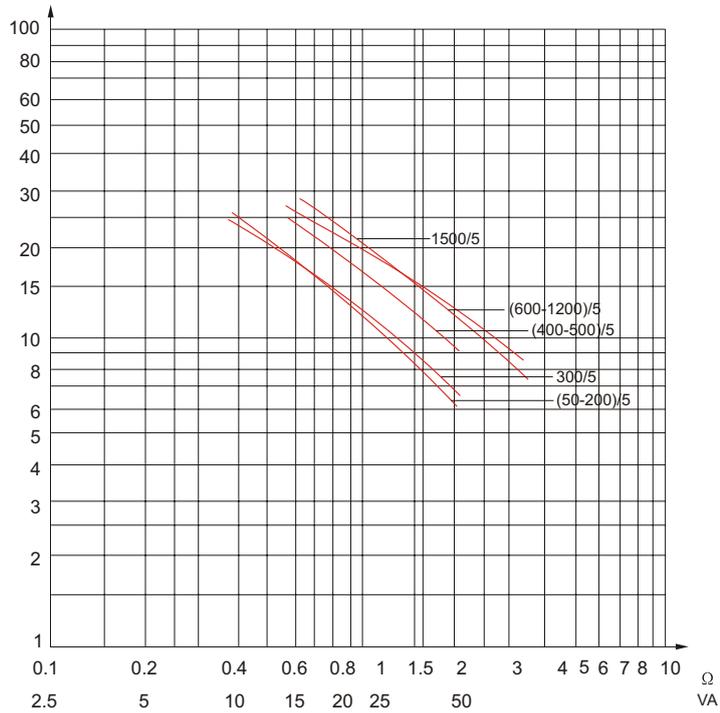
The current transformer is totally enclosed. Its core, primary winding and secondary windings are cast with epoxy resin. The base is fitted with rating plate, earthing bolt and 4 mounting holes. There is a protective cover for the secondary terminals.

Technical specification

1. Performance conforms with IEC60044-1& GB1208-97 Current Transformer;
2. Rated insulation level withstand voltage:
Power frequency voltage 42kV
Lightning impulse withstand voltage full wave 75kV;
3. Relation of: 10P accuracy limit factor and secondary burden is shown as following.

Table 1

Rated primary current(A)	Accuracy classes	Rated output(VA)	Ith/1s(r.m.s)	Idyn (peak)
30	0.2S/0.2	10/15	9.6	24
40			12.8	32
50	0.2/0.2	15/15	16	40
75	0.2/0.5	15/15	20	50
100,150,200,300	0.5/10P15	15/20	31.5	80
400	0.2S/0.2 0.2/0.2	15/20 20/20		
500	0.2/0.5 0.5/10P15	20/20 20/30	44.5	80
600	0.2/0.2	30/30		
800	0.2/0.5	30/30	63	110
1000~3150	0.5/10P15	40/40		



Accuracy limit factor of class 10P

Outline dimension

