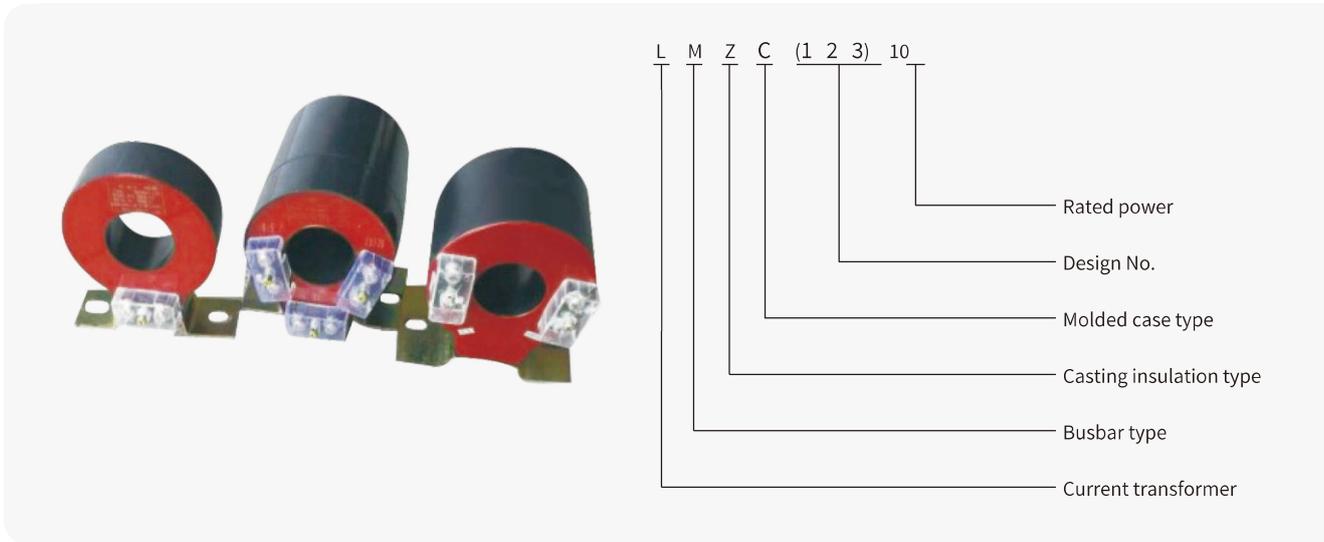


Model description



Description

LMZC10 high precision current transformer is suitable for current and energy measurement and protection of power supply equipment under 35kV and 10kV in AC power system. It has been widely used in ABB safe ring / plus, uniswitch, Schneider RM6 / SM6, Eaton SVS, GA / GE of Germany, FB of France, SS of Korea and other compact fully insulated ring main unit switch cabinets, as well as in combined substation and cable distribution box.

The measuring iron core of this series of current transformers selects the composite alloy iron core with high permeability and low saturation magnetic induction strength as the magnetic conducting material, which has high measurement accuracy and instrument security coefficient. The high quality imported silicon steel sheet is used as the iron core of protective winding after being processed by advanced technology, which ensures the accuracy limit coefficient.

The ring type iron core and secondary winding are made of high quality epoxy resin and vacuum cast in the flame retardant plastic shell, which is moisture resistant, stable and maintenance free. This type of current transformer is small in volume, light in weight and small in space. It is fixed in the cable room of the ring main unit switch cabinet. When it is installed, it only needs to pass the cable through the inner hole, which is simple, fast, harmonious and beautiful.

According to the current transformation ratio, accuracy level and rated load, the series of current transformers are divided into the following types, and the specific parameters are shown in the corresponding parameter table of each model.

Technical data

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Type	LMZC1、2、310									
Purpose	Measuring current transformer			Protection current transformer			Double winding current			
	Accuracy class and rated burden (VA)			Accuracy class and rated burden (VA)			Accuracy class and rated burden (VA)			
Ratio I1/I2	0.2S	0.2	0.5	10P15	10P10	10P5	0.2	0.5	10P10	10P5
40/1						1				
50/1		1	1		1	1				
75/1		1	1	1	1	2.5				1
100/1		2.5	2.5	1	1	3.75		1	1	2.5
150/1	2.5	3.75	3.75	1	2.5	5	1	1	1	3.75
200/1	3.75	5	5	12.5	3.75	7.5	1	2.5	2.5	5
300/1	5	7.5	7.5	3.7	5	12.5	2.5	3.75	3.75	7.5
400/1	7.5	10	10	5	7.5	15	3.75	5	3.75	7.5
500/1	10	12.5	12.5	5	10	20	5	5	5	10
600/1	12.5	15	15	5	12.5	25	5	7.5	7.5	15
100/5	2.5	2.5	2.5	7.5	1	3.75		1	1	2.5
150/5	3.7	3.75	3.75	1	2.5	5		1	1	3.75
200/5	5	5	5	12.5	3.75	7.5	1	2.5	2.5	5
300/5	5	7.5	7.5	3.75	5	12.5	2.5	3.75	3.75	7.5
400/5	7.5	10	10	5	7.5	15	3.75	5	3.75	7.5
500/5	10	12.5	12.5	5	10	20	5	5	5	10
600/5	12.5	15	15	7.5	12.5	25	5	7.5	7.5	15

Overall dimension drawing

