

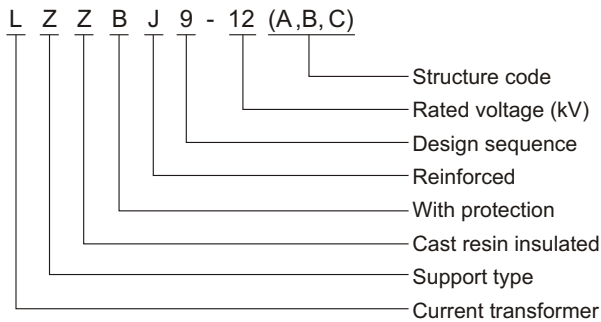
## LZZBJ9-12(A,B,C) Current Transformer

### Summary

Current transformer LZZBJ9-12 is made indoor cast-resin insulated, totally enclosed structure, It's designed for current, power measurement and relay protection in AC power system with rated frequency 50/60Hz, rated voltage 12kV and below.



### 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 90%, at  $20^{\circ}\text{C}$ ;
4. No gas, steam, chemical deposition, pollution, explosive gas or etching gas which way badly influence the insulation of the transformer;
5. No chattering of bumping.

### Structure feature

The product has a leg type, totally-enclosed structure and its ring core, primary winding and secondary winding are casted resin insulated. Reinforced insulation makes it workable under humidity condensation and pollution II. Three wiring ways are for your choice (A,B,C).

The outlet marks of the product are: primary P1 to P2, the secondary current from S1 to S2 through outside return circuit. High voltage appears if secondary return circuit opens while primary current is flowing by.

### Technical specification

Type	Rated primary current(A)	Accuracy classes	Rated output(VA)	Short-time thermal current(kA/s)	Rated dynamic current(kA)
LZZBJ9-12A,B,C	10	0.2S/10P10(15)	10/15	2.0	5.0
		0.5S/10P10(15)	10/15	2.0	5.0
		0.2/10P10(15)	10/5	1.0	2.5
		0.5/10P10(15)	15/15	1.0	2.5
	15	0.2S/10P10(15)	10/15	4.5	11.25
		0.5S/10P10(15)	10/15	4.5	11.25
		0.2/10P10(15)	10/15	1.5	3.75
		0.5/10P10(15)	15/15	1.5	3.75

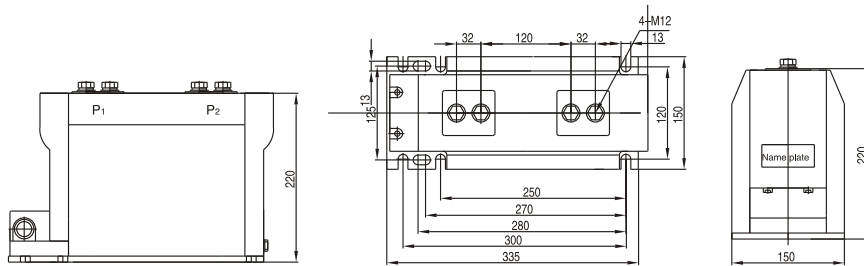
Type	Rated primary current(A)	Accuracy classes	Rated output(VA)	Short-time thermal current(kA/s)	Rated dynamic current(kA)
LZZBJ9-12A,B,C	20	0.2S/10P10(15)	10/15	6	15
		0.5S/10P10(15)	10/15	6	15
		0.2/10P10(15)	10/15	3	7.5
		0.5/10P10(15)	15/15	3	7.5
	30	0.2S/10P10(15)	10/15	12	30
		0.5S/10P10(15)	10/15	12	30
		0.2/10P10(15)	10/15	4.5	11.25
		0.5/10P10(15)	15/15	4.5	11.25
		0.2/10P20	10/15	3.6	9
		0.5/10P20	10/15	3.6	9
	40	0.2S/10P10(15)	10/15	16	40
		0.5S/10P10(15)	10/15	16	40
		0.2/10P15	15/15	6	15
		0.5/10P15	15/15	6	15
		0.2/10P20	10/15	4.8	12
		0.5/10P20	10/15	4.8	12
	50	0.2S/10P10(15)	10/15	21	52.5
		0.5S/10P10(15)	10/15	21	52.5
		0.2/10P10(15)	15/15	7.5	18.75
		0.5/10P10(15)	15/15	7.5	18.75
		0.2/10P20	10/15	6	15
		0.5/10P20	10/15	6	15
	60	0.2S/10P10(15)	10/15,10/20	21	52.5
		0.5S/10P10(15)	10/15,10/20	21	52.5
		0.2/10P10(15)	15/15,10/20	9	22.5
		0.5/10P10(15)	15/15,20/20	9	22.5
		0.2/10P20	10/15	7.2	18
		0.5/10P20	10/15	7.2	18
	75	0.2S/10P10(15)	10/15	31.5	78.75
		0.5S/10P10(15)	10/15	31.5	78.75
		0.2/10P10(15)	15/15	10	25
		0.5/10P10(15)	15/15	10	25
0.2/10P20		10/15	9	22.5	
0.5/10P20		10/15	9	22.5	
100	0.2S/10P10(15)	10/15	4	112.5	
	0.5S/10P10(15)	10/15	45	112.5	
	0.2/10P10(15)	10/15	21	52.5	
	0.5/10P10(15)	15/15	21	52.5	
	0.2/10P20	10/15	12	30	
	0.5/10P20	10/15	12	30	
150	0.2S/10P10(15)	10/15	45	112.5	
	0.5S/10P10(15)	10/15	45	112.5	
	0.2/10P10(15)	10/15	31.5	78.75	
	0.5/10P10(15)	15/15	31.5	78.75	

Type	Rated primary current(A)	Accuracy classes	Rated output(VA)	Short-time thermal current(kA/s)	Rated dynamic current(kA)
LZZBJ9-12A,B,C	150	0.2/10P20	10/15	18	45
		0.5/10P20	10/15	18	45
	200,250	0.2S/10P10(15)	10/15	45	112.5
		0.5S/10P10(15)	10/15	45	112.5
		0.2/10P10(15)	10/15	45	112.5
		0.5/10P10(15)	15/15	45	112.5
		0.2/10P20	10/15	24	60
		0.5/10P20	10/15	24	60
	300	0.2S/10P10(15)	10/15	63	157.5
		0.5S/10P10(15)	10/15	63	157.5
		0.2/10P10(15)	10/15	45	112.5
		0.5/10P10(15)	15/15	45	112.5
		0.2/10P20	10/15	36	90
		0.5/10P20	10/15	36	90
	400	0.2S/10P10(15)	10/5	63	157.5
		0.5S/10P10(15)	10/15	63	157.5
		0.2/10P10(15)	10/15	63	157.5
		0.5/10P10(15)	15/20	63	157.5
		0.2/10P20	10/15	48	120
		0.5/10P20	10/15	48	120
	500	0.2S/10P10(15)	15/20	63	157.5
		0.5S/10P10(15)	15/20	63	157.5
		0.2/10P10(15)	15/20	63	157.5
		0.5/10P10(15)	20/20	63	157.5
		0.2/10P20	15/15	63	157.5
		0.5/10P20	15/15	63	157.5
	600 800 1000	0.2S/10P10(15)	15/20	63	130
		0.5S/10P10(15)	15/20	63	130
		0.2/10P10(15)	15/20	63	130
		0.5/10P10(15)	20/20	63	130
0.2/10P20		15/15	63	130	
0.5/10P20		15/15	63	130	
1000 1200 1500 2000	0.2S/10P10(15)	15/20	80	160	
	0.5S/10P10(15)	15/20	80	160	
	0.2/10P10(15)	15/20	80	160	
	0.5/10P10(15)	20/20	80	160	
	0.2/10P20	15/20	80	160	
	0.5/10P20	15/20	80	160	
2500	0.2S/10P10(15)	15/30	80	160	
	0.5S/10P10(15)	15/30	100	200	
	0.2/10P10(15)	15/20	100	200	
	0.5/10P10(15)	15/20	100	200	
	0.2/10P20	20/20	100	200	
	0.5/10P20	15/20	100	200	

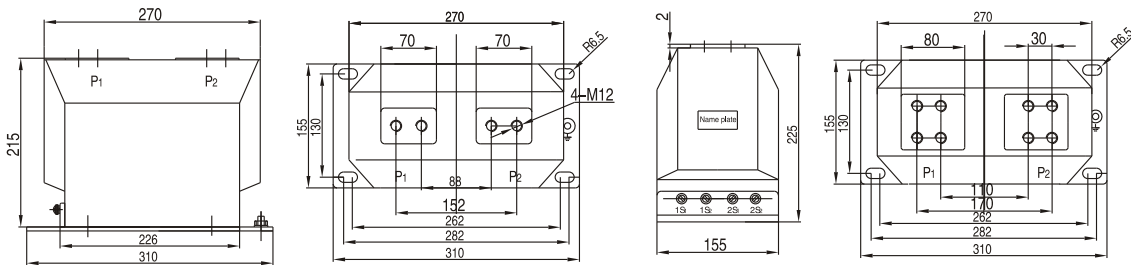
Type	Rated primary current(A)	Accuracy classes	Rated output(VA)	Short-time thermal current(kA/s)	Rated dynamic current(kA)
LZZBJ9-12A,B,C	3000	0.2S/10P10(15)	15/20	100	200
		0.5S/10P10(15)	15/30	100	200
		0.2/10P10(15)	15/20	100	200
		0.5/10P10(15)	20/20	100	200
		0.2/10P20	15/20	100	200
		0.5/10P20	15/20	100	200

Note: The above technical parameter, rated secondary current is 5A, if needs 1A or other data please contact with the company when orderings .

## Outline dimension



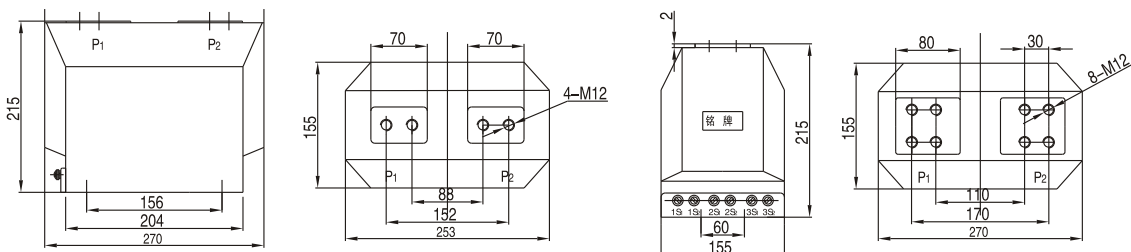
LZZBJ9-12A Outline Dimension



Rated current: 5-800A

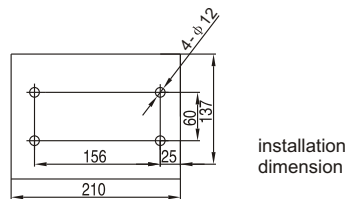
Rated current: 1000-3150A

LZZBJ9-12B Outline Dimension



Rated current: 5-800A

Rated current: 1000-3150A



installation dimension

LZZBJ9-12C Outline Dimension