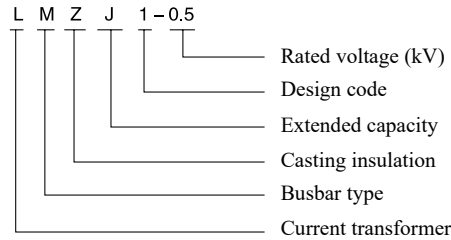


LMZJ1-0.5 Current Transformer

1 Overview

LMZJ1-0.5 series current transformer is suitable for the AC line with rated frequency 50Hz and rated voltage 0.5kAV and below for current and electric energy measurement or for relay protection. The product is the cast type current transformer, and is installed and fixed using a base plate.

2 Type Designation



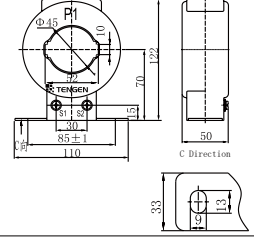
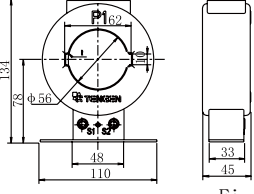
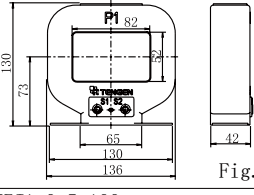
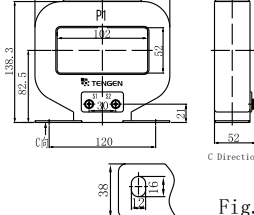
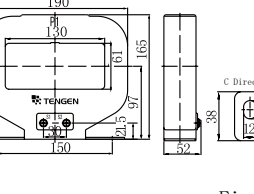
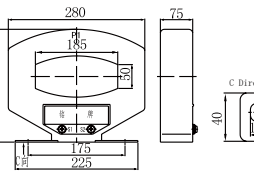
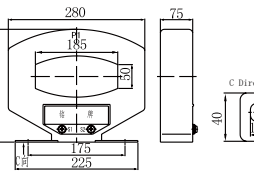
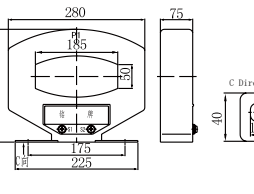
3 Technical Parameters



Current ratio	Rated secondary load (VA)				Number of turns	Figure	Outline and installation dimensions
	Grade 0.5	Grade 0.5S	Grade 0.2	Grade 0.2S			
5/5	5	5	5	5	30	Fig. 2	LMZJ1-0.5 30 model <p>Fig. 2</p>
10/5	5	5	5	5	15	Fig. 2	
15/5	5	5	5	5	10	Fig. 2	
20/5	5	5	5	5	10	Fig. 2	
25/5	5	5	5	5	6	Fig. 2	
30/5	5	5	5	5	5	Fig. 2	
40/5	5	5	5	5	5	Fig. 2	<p>Fig. 3</p>
50/5	5	5			1	Fig. 4	
50/5	5	5	5	5	2	Fig. 3	
75/5	5	5	5	5	1	Fig. 3	
75/5	5	5	5	5	2	Fig. 3	
100/5	5	5	5	5	1	Fig. 3	
100/5	5	5	5	5	2	Fig. 2	<p>Fig. 4</p>
150/5	5	5	5	5	1	Fig. 2	
200/5	5	5	5	5	1	Fig. 2	
250/5	5	5	5	5	1	Fig. 2	
300/5	5	5	5	5	1	Fig. 2	

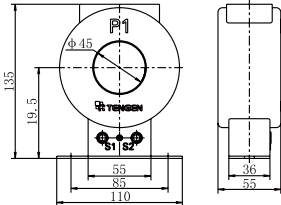
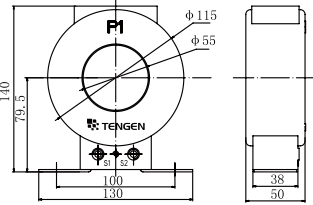
LMZJ1-0.5 Current Transformer



Current ratio	Rated secondary load (VA)				Number of turns	Figure	Outline and installation dimensions
	Grade 0.5	Grade 0.5S	Grade 0.2	Grade 0.2S			
300/5	5	5	5	5	1	Fig. 5	LMZJ1-0.5 50 type Fig. 5 
400/5	5	5	5	5	1	Fig. 5	
500/5	5	5	5	5	1	Fig. 5	
600/5	5	5	5	5	1	Fig. 5	
300/5	5				1	Fig. 6	LMZJ1-0.5 60 type Fig. 6 
400/5	5	5	5	5	1	Fig. 6	
500/5	5	5	5	5	1	Fig. 6	
600/5	5	5	5	5	1	Fig. 6	
750/5	10	10	10	10	1	Fig. 6	
800/5	10	10	10	10	1	Fig. 6	LMZJ1-0.5 80 type Fig. 7 
1000/5	10	10	10	10	1	Fig. 6	
600/5	5	5	5	5	1	Fig. 7	LMZJ1-0.5 100 type Fig. 8 
750/5	5	5	5	5	1	Fig. 7	
800/5	5	5	5	5	1	Fig. 7	
1000/5	5	5	5	5	1	Fig. 7	
1200/5	5	5	5	5	1	Fig. 7	
1500/5	5	5	5	5	1	Fig. 7	LMZJ1-0.5 130 type Fig. 9 
750/5	10	10	10	10	1	Fig. 8	
800/5	10	10	10	10	1	Fig. 8	
1000/5	10	10	10	10	1	Fig. 8	
1200/5	10	10	10	10	1	Fig. 8	LMZJ1-0.5 180 type Fig. 10 
1500/5	10	10	10	10	1	Fig. 8	
2000/5	20	20	20	20	1	Fig. 9	
2500/5	20	20	20	20	1	Fig. 8	LMZJ1-0.5 180 type Fig. 10 
3000/5	20	20	20	20	1	Fig. 8	
4000/5	30	30	30	30	1	Fig. 10	LMZJ1-0.5 180 type Fig. 10 
5000/5	30	30	30	30	1	Fig. 10	
6000/5	30	30	30	30	1	Fig. 10	

LMZJ1-0.5 Current Transformer



Current ratio	Rated secondary load (VA)				Number of turns	Figure	Outline and installation dimensions
	Grade 0.5	Grade 0.5S	Grade 0.2	Grade 0.2S			
100/5	5	5	5	5	1	Fig. 11	LMZJ1-0.5 45 type customized 
150/5	5	5	5	5	1	Fig. 11	
200/5	5	5	5	5	1	Fig. 11	
250/5	5	5	5	5	1	Fig. 11	
300/5	5	5	5	5	1	Fig. 11	
400/5	5	5	5	5	1	Fig. 11	
500/5	5	5	5	5	1	Fig. 11	
600/5	5	5	5	5	1	Fig. 11	
200/5	5	5	5	5	1	Fig. 12	LMZJ1-0.5 55 type customized 
300/5	5	5	5	5	1	Fig. 12	
400/5	5	5	5	5	1	Fig. 12	
500/5	5	5	5	5	1	Fig. 12	
600/5	5	5	5	5	1	Fig. 12	
750/5	10	10	10	10	1	Fig. 12	
800/5	10	10	10	10	1	Fig. 12	
1000/5	10	10	10	10	1	Fig. 12	
1200/5	10	10	10	10	1	Fig. 12	
1500/5	10	10	10	10	1	Fig. 12	

4 Operating Conditions

- 4.1 Ambient temperature: -5°C – $+40^{\circ}\text{C}$; the daily mean does not exceed $+30^{\circ}\text{C}$.
- 4.2 Altitude: Not exceed 1000m.
- 4.3 Atmospheric conditions: The relative air humidity does not exceed 50% at the maximum temperature $+40^{\circ}\text{C}$. The allowable relative humidity does not exceed 80% at a low temperature.
- 4.4 There is no severe dirt in the atmospheric air, and there is no enough gas and conductive dust to cause metal corrosion and insulation damage in the medium.
- 4.5 There is no severe vibrations and bumps at the installation site.
- 4.6 The installation site is not subject to direct sunlight without rain and snow erosion or severe mildew.

5 Ordering Notice

Please specify the model, current ratio, rated output, and corresponding accuracy of product when ordering. Other requirements shall be indicated in the contact.