

LMZ(J)1-0.5

Series Current Transformer



Application Scope

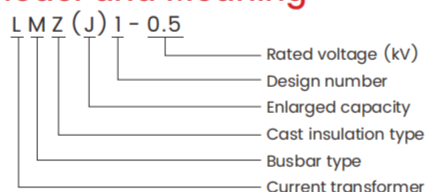
The LMZ(J)1-0.5 series current transformers are primarily designed for indoor use and are suitable for current and energy measurement or relay protection in AC circuits with a rated voltage of 0.5 kV or less and a rated frequency of 50 Hz. These are cast-type current transformers and are installed using a baseplate mounting method.

They comply with GB/T20840.1 and GB/T20840.2.

Normal Operating Conditions

1. Installation Location: Indoors
2. Ambient Temperature: Minimum -5°C, Maximum +40°C
3. Humidity: Average relative humidity within 24 hours not exceeding 95%, and average relative humidity within one month not exceeding 90%
4. Altitude: Not exceeding 1000m
5. Ambient air free of significant dust, smoke, corrosive gases, steam, or salt contamination
6. The installation site must be free of severe vibration or turbulence

Model and Meaning



Main Technical Parameters

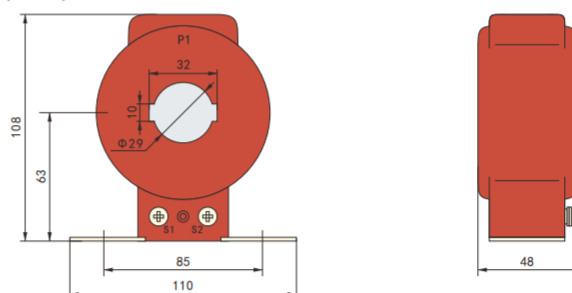
1. Basic technical parameters

Rated primary current (A)	Rated secondary current (A)	Primary winding nominal voltage (kV)	Accuracy	Rated frequency
150, 200, 250, 300, 400, 500, 600, 750 800, 1000, 1200, 1500, 2000, 2500, 3000	5	0.5	0.2, 0.2S, 0.5, 0.5S	50Hz

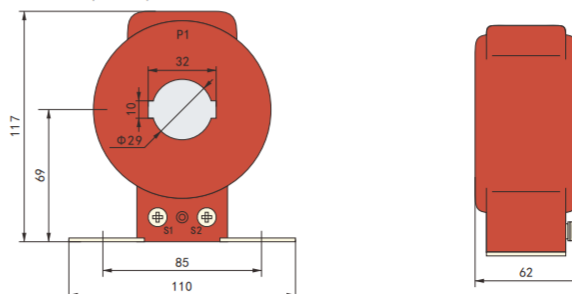
Primary Current (A)	H	H	L	A	D	D	B	C	A	B
150, 200, 250, 300	67.5	117	86	110	31	90	47	36	10	36
400, 500, 600	72	125	86	110	42	97	48	36	10	52
750, 800	71.5	120	98	128	82	140	51	-	24	37
1000, 1200, 1500	76.5	139	119	153	103	177	50	-	33	49
2000, 2500, 3000	90	165	152	185	154	230	50	-	35	70

Appearance and Installation Dimensions

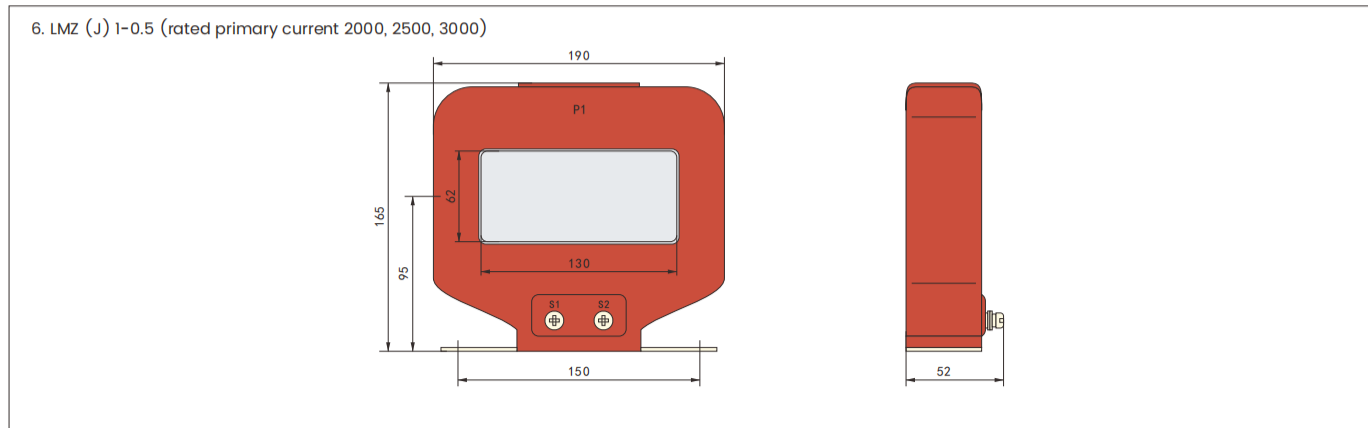
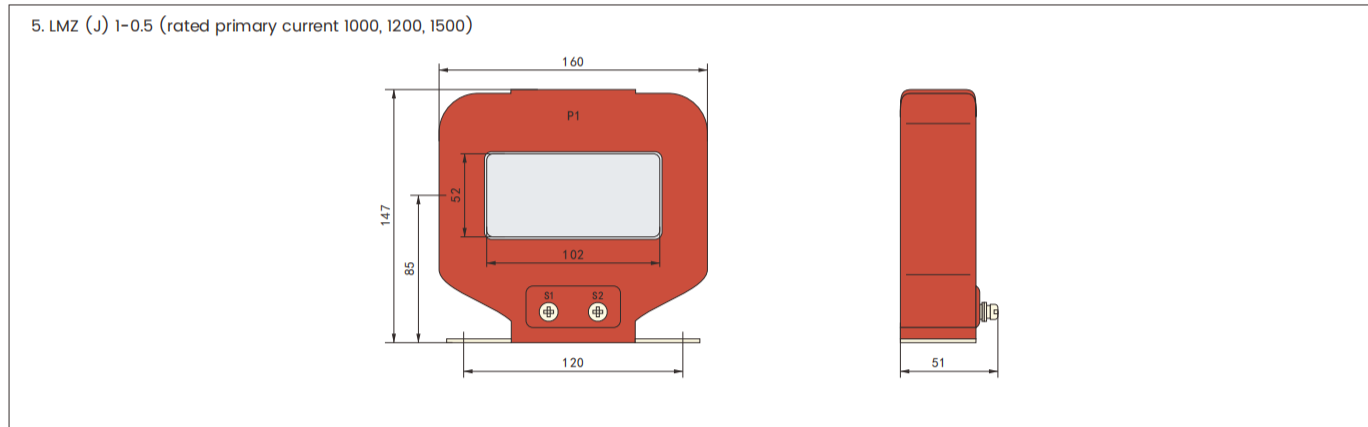
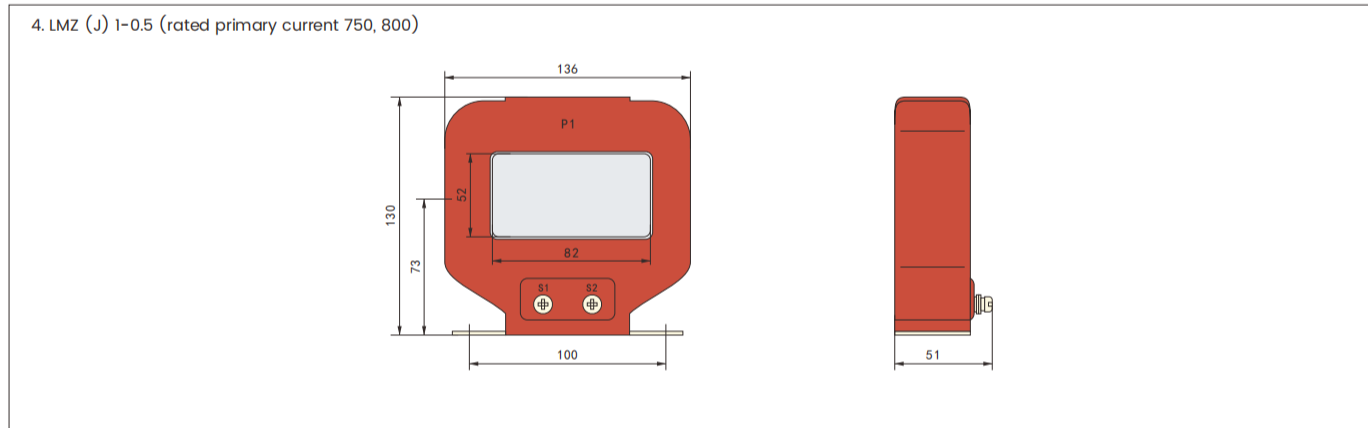
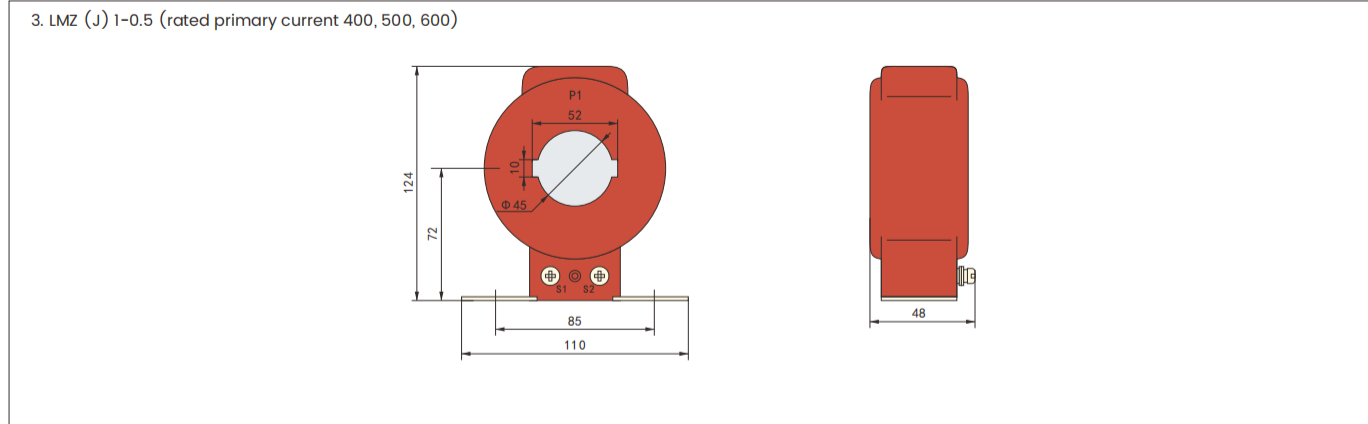
1. LMZ (J) 1-0.5 (rated primary current 150, 200, 250, 300)



2. LMZ (J) 1-0.5S/0.2 pole (rated primary current 150, 200, 250, 300)



LMZ(J)1-0.5
Series Current Transformer



LMZ(J)1-0.66
Series Current Transformer



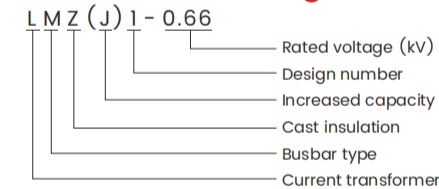
Application Scope

The LMZ(J)1-0.66 series current transformers are primarily designed for indoor use and are suitable for current and energy measurement or relay protection in AC circuits with a rated voltage of 0.66 kV or less and a rated frequency of 50 Hz. These are cast-type current transformers and are installed using the busbar mounting method. They comply with GB/T20840.1 and GB/T20840.2.

Normal Operating Conditions

1. Ambient Temperature: Minimum -5°C, Maximum +40°C.
2. Humidity: The average relative humidity measured over a 24-hour period shall not exceed 95%, and the average relative humidity over a month shall not exceed 90%.
3. Altitude: Not exceeding 1000 meters.
4. The ambient air must be free of significant dust, smoke, corrosive gases, vapors, or salt contamination.
5. The installation site must be free of severe vibration or turbulence.

Model and Meaning



Main Technical Parameters

Rated primary current (A)	Rated secondary current (A)	Primary winding nominal voltage (kV)	Accuracy	Rated frequency
100, 150, 200, 250, 300, 400, 500, 600, 750, 800, 1000 1200, 1500, 2000, 2500, 3000, 4000, 5000, 6000	5	0.66	0.5/0.2/ 0.2S/0.5S	50Hz

Appearance and Installation Dimensions

