

D3 Transformer

LMK5-0.66 Current Transformer



Selection Guide

Product name	Rated voltage	Accuracy grade	Primary current (A)	Secondary current (A)	Inner diameter	Rated load
LMK5-0.66	☐	☐	☐	☐	☐	☐
	0.66kV	C5: Grade 0.5 C2: Grade 0.2	150: 150A 5000: 5000A	5A	30: $\phi 30$... 130: $\phi 130$	C: 5-3.75VA D: 10-3.75VA E: 15-3.75VA F: 20-3.75VA

Product features

- LMK5-0.66 series product is a molded case current transformer. Its installation method can adopt the busbar fixing and baseplate fixing installation method. It is suitable for installation in any direction. Compared with LMK-0.66 and LMK3-0.66 series, it has the advantages of less accessories, convenient installation and multi-layer busbar penetration.
- Winding with pure copper enameled wire; Wiring screws, gaskets are all made of copper. The index of copper conductivity, tensile strength, electrical loss rate is better than that of aluminum!

Technical parameters

National Standards	GB 20840.1&2
Certificate of authentication	CPA 2019E764-33
Accuracy grade	Grade 0.5, 0.2
Rated voltage	0.66kV
Rated primary current	150/5A-5000/5A
Rated secondary current	5A
Rated load	See Table 1

Allow long-term operation at 110% rated current

The secondary winding is applied with power frequency voltage of 3KV to the ground for 1min without breakdown and flashover.

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Table 1

Model	Rated current primary/secondary current (A)	Busbar	Number of roots	Through the number of turns	Rated load (VA)	Accuracy grade
		Section size (mm ²)				
LMK5-0.66	150/5	31*11	1	1	5-3.75VA	Grade 0.5, 0.2
	200/5	31*11	1	1	5-3.75VA	Grade 0.5, 0.2
	250/5	31*11	1	1	5-3.75VA	Grade 0.5, 0.2
	300/5	31*11	1	1	5-3.75VA	Grade 0.5, 0.2
	400/5	31*11	1	1	5-3.75VA	Grade 0.5, 0.2
	500/5	31*11	1	1	5-3.75VA	Grade 0.5, 0.2
	150/5	42*11	1	1	5-3.75VA	Grade 0.5
	200/5	42*11	1	1	5-3.75VA	Grade 0.5
	250/5	42*11	1	1	5-3.75VA	Grade 0.5
	300/5	42*11	1	1	5-3.75VA	Grade 0.5, 0.2
	400/5	42*11	1	1	5-3.75VA	Grade 0.5, 0.2
	500/5	42*11	1	1	5-3.75VA	Grade 0.5, 0.2
	600/5	42*11	1	1	10-3.75VA	Grade 0.5, 0.2
	300/5	52*11	1	1	5-3.75VA	Grade 0.5
	400/5	52*11	1	1	5-3.75VA	Grade 0.5
	500/5	52*11	1	1	5-3.75VA	Grade 0.5, 0.2
	600/5	52*11	1	1	10-3.75VA	Grade 0.5, 0.2
	750/5	52*11	1	1	10-3.75VA	Grade 0.5, 0.2
	800/5	52*11	1	1	10-3.75VA	Grade 0.5, 0.2
	500/5	60*50	1-3	1	5-3.75VA	Grade 0.5
	600/5	60*50	1-3	1	10-3.75VA	Grade 0.5, 0.2
	750/5	60*50	1-3	1	10-3.75VA	Grade 0.5, 0.2
	800/5	60*50	1-3	1	10-3.75VA	Grade 0.5, 0.2
	1000/5	60*50	1-3	1	10-3.75VA	Grade 0.5, 0.2
	1200/5	60*50	1-3	1	10-3.75VA	Grade 0.5, 0.2
	1500/5	60*50	1-3	1	10-3.75VA	Grade 0.5, 0.2
	2000/5	60*50	1-3	1	10-3.75VA	Grade 0.5, 0.2
	500/5	80*50	1-3	1	10-3.75VA	Grade 0.5
	600/5	80*50	1-3	1	10-3.75VA	Grade 0.5, 0.2
	750/5	80*50	1-3	1	10-3.75VA	Grade 0.5, 0.2
	800/5	80*50	1-3	1	10-3.75VA	Grade 0.5, 0.2
	1000/5	80*50	1-3	1	10-3.75VA	Grade 0.5, 0.2
	1200/5	80*50	1-3	1	10-3.75VA	Grade 0.5, 0.2
	1500/5	80*50	1-3	1	15-3.75VA	Grade 0.5, 0.2
	2000/5	80*50	1-3	1	15-3.75VA	Grade 0.5, 0.2
	2500/5	80*50	1-3	1	15-3.75VA	Grade 0.5, 0.2
	3000/5	80*50	1-3	1	20-3.75VA	Grade 0.5
	750/5	100*50	1-3	1	10-3.75VA	Grade 0.5

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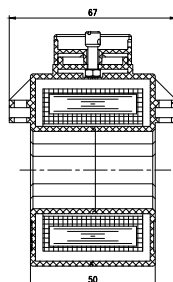
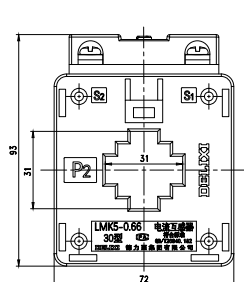
Model	Rated current primary/secondary current (A)	Busbar	Number of roots	Through the number of turns	Rated load (VA)	Accuracy grade
		Section size (mm ²)				
LMK5-0.66	800/5	100*50	1-3	1	10-3.75VA	Grade 0.5, 0.2
	1000/5	100*50	1-3	1	10-3.75VA	Grade 0.5, 0.2
	1200/5	100*50	1-3	1	10-3.75VA	Grade 0.5, 0.2
	1500/5	100*50	1-3	1	15-3.75VA	Grade 0.5, 0.2
	2000/5	100*50	1-3	1	15-3.75VA	Grade 0.5, 0.2
	2500/5	100*50	1-3	1	15-3.75VA	Grade 0.5, 0.2
	3000/5	100*50	1-3	1	20-3.75VA	Grade 0.5, 0.2
	4000/5	100*50	1-3	1	20-3.75VA	Grade 0.5, 0.2
	1000/5	120*50	1-3	1	10-3.75VA	Grade 0.5
	1200/5	120*50	1-3	1	10-3.75VA	Grade 0.5
	1500/5	120*50	1-3	1	15-3.75VA	Grade 0.5, 0.2
	2000/5	120*50	1-3	1	15-3.75VA	Grade 0.5, 0.2
	2500/5	120*50	1-3	1	15-3.75VA	Grade 0.5, 0.2
	3000/5	120*50	1-3	1	20-3.75VA	Grade 0.5, 0.2
	4000/5	120*50	1-3	1	20-3.75VA	Grade 0.5, 0.2
	2000/5	130*60	1-3	1	15-3.75VA	Grade 0.5, 0.2
	2500/5	130*60	1-3	1	15-3.75VA	Grade 0.5, 0.2
	3000/5	130*60	1-3	1	20-3.75VA	Grade 0.5, 0.2
	4000/5	130*60	1-3	1	20-3.75VA	Grade 0.5, 0.2
	5000/5	130*60	1-3	1	20-3.75VA	Grade 0.5, 0.2

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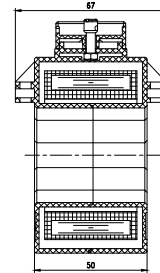
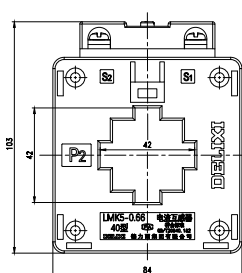
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Outline and Installation Dimensions (mm)

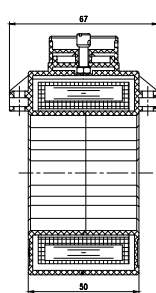
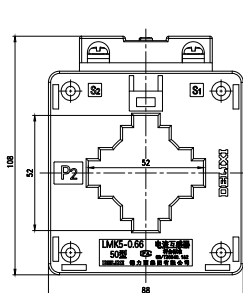
■ Pattern 30 type (Figure 1)



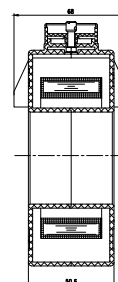
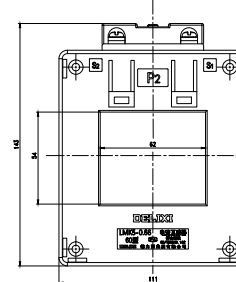
■ Pattern 40 type (Figure 2)



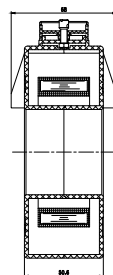
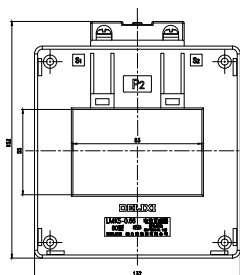
■ Pattern 50 type (Figure 3)



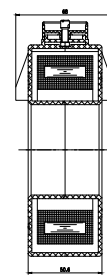
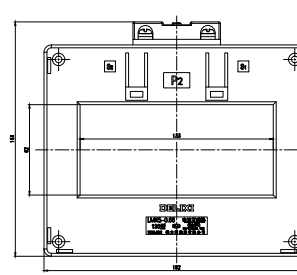
■ Pattern 60 type (Figure 4)



■ Pattern 80 type (Figure 5)



■ Pattern 130 type (Figure 6)



Type	H	W	D	a	e	f	Note
LMK5-0.66							
Type 30	93	72	67	30	11	49	Figure 1
Type 40	103	84	67	40	11	61	Figure 2
Type 50	108	88	67	50	11	65	Figure 3
Type 60	143	111	68	60	50	89	Figure 4
Type 80	152	132	68	80	50	105	Figure 5
Type 100	151	152	67	100	50	123	Figure 6
Type 120	153	169	68	125	50	140	
Type 130	130	182	68	133	60	154	