

# D3 Mutual inductor

## LMK5-0.66 Current transformer



### Selection guide

Product name	Rated voltage	Accuracy Level	Primary current	Secondary current (A)	Inside diameter	Rated load
LMK5-0.66	□	□	□	□	□	□
	0.66 kV	C5: Level 0.5 C2: Level 0.2	150:150A ..... 5000:5000A	5A	30: φ 30 ... 130: φ 130	C: 5-3.75VA D: 10-3.75VA E: 15-3.75VA F: 20-3.75VA

### Product features

- The LMK5-0.66 series is a plastic case type current transformer, and its installation method can be fixed by busbar and baseplate, which is suitable for installation in any direction. Compared with the LMK-0.66 and LMK3-0.66 series, it has the advantages of fewer accessories, convenient installation, and multi-layer busbar.
- It is wound with pure copper enamelled wire. Wiring screws, gaskets are made of copper, copper conductivity, tensile strength, electrical loss rate and other indicators are better than aluminum!

### Technical parameter

National standard	GB 20840.1&2
Certification certificate	CPA 2019E764-33
Accuracy class	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 applied to the ground frequency voltage 3KV for 1min without breakdown flashover phenomenon

## D3 Mutual inductor

### LMK5-0.66 Current transformer

Table 1

Model number	Rated current primary/secondary (A)	bus-bar		No.	No. of turns	Rated load (VA)	Accuracy class
		Section size (mm <sup>2</sup> )					
LMK5-0.66	150/5	31*11		1	1	5-3.75VA	0.5 , 0.2
	200/5	31*11		1	1	5-3.75VA	0.5 , 0.2
	250/5	31*11		1	1	5-3.75VA	0.5 , 0.2
	300/5	31*11		1	1	5-3.75VA	0.5 , 0.2
	400/5	31*11		1	1	5-3.75VA	0.5 , 0.2
	500/5	31*11		1	1	5-3.75VA	0.5 , 0.2
	150/5	42*11		1	1	5-3.75VA	0.5
	200/5	42*11		1	1	5-3.75VA	0.5
	250/5	42*11		1	1	5-3.75VA	0.5
	300/5	42*11		1	1	5-3.75VA	0.5 , 0.2
	400/5	42*11		1	1	5-3.75VA	0.5 , 0.2
	500/5	42*11		1	1	5-3.75VA	0.5 , 0.2
	600/5	42*11		1	1	10-3.75VA	0.5 , 0.2
	300/5	52*11		1	1	5-3.75VA	0.5
	400/5	52*11		1	1	5-3.75VA	0.5
	500/5	52*11		1	1	5-3.75VA	0.5 , 0.2
	600/5	52*11		1	1	10-3.75VA	0.5 , 0.2
	750/5	52*11		1	1	10-3.75VA	0.5 , 0.2
	800/5	52*11		1	1	10-3.75VA	0.5 , 0.2
	500/5	60*50		1-3	1	5-3.75VA	0.5
	600/5	60*50		1-3	1	10-3.75VA	0.5 , 0.2
	750/5	60*50		1-3	1	10-3.75VA	0.5 , 0.2
	800/5	60*50		1-3	1	10-3.75VA	0.5 , 0.2
	1000/5	60*50		1-3	1	10-3.75VA	0.5 , 0.2
	1200/5	60*50		1-3	1	10-3.75VA	0.5 , 0.2
	1500/5	60*50		1-3	1	10-3.75VA	0.5 , 0.2
	2000/5	60*50		1-3	1	10-3.75VA	0.5 , 0.2
	500/5	80*50		1-3	1	10-3.75VA	0.5
	600/5	80*50		1-3	1	10-3.75VA	0.5 , 0.2
	750/5	80*50		1-3	1	10-3.75VA	0.5 , 0.2
	800/5	80*50		1-3	1	10-3.75VA	0.5 , 0.2
	1000/5	80*50		1-3	1	10-3.75VA	0.5 , 0.2
	1200/5	80*50		1-3	1	10-3.75VA	0.5 , 0.2
1500/5	80*50		1-3	1	15-3.75VA	0.5 , 0.2	
2000/5	80*50		1-3	1	15-3.75VA	0.5 , 0.2	
2500/5	80*50		1-3	1	15-3.75VA	0.5 , 0.2	
3000/5	80*50		1-3	1	20-3.75VA	0.5	
750/5	100*50		1-3	1	10-3.75VA	0.5	

## D3 Mutual inductor

### LMK5-0.66 Current transformer

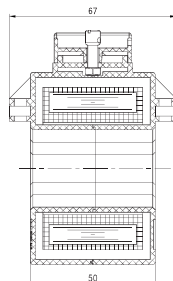
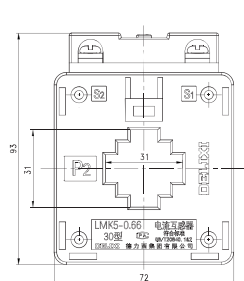
Model number	Rated current primary/secondary (A)	bus-bar		No.	No. of turns	Rated load (VA)	Accuracy class
		Section size (mm <sup>2</sup> )					
LMK5-0.66	800/5	100*50		1-3	1	10-3.75VA	0.5 , 0.2
	1000/5	100*50		1-3	1	10-3.75VA	0.5 , 0.2
	1200/5	100*50		1-3	1	10-3.75VA	0.5 , 0.2
	1500/5	100*50		1-3	1	15-3.75VA	0.5 , 0.2
	2000/5	100*50		1-3	1	15-3.75VA	0.5 , 0.2
	2500/5	100*50		1-3	1	15-3.75VA	0.5 , 0.2
	3000/5	100*50		1-3	1	20-3.75VA	0.5 , 0.2
	4000/5	100*50		1-3	1	20-3.75VA	0.5 , 0.2
	1000/5	120*50		1-3	1	10-3.75VA	0.5
	1200/5	120*50		1-3	1	10-3.75VA	0.5
	1500/5	120*50		1-3	1	15-3.75VA	0.5 , 0.2
	2000/5	120*50		1-3	1	15-3.75VA	0.5 , 0.2
	2500/5	120*50		1-3	1	15-3.75VA	0.5 , 0.2
	3000/5	120*50		1-3	1	20-3.75VA	0.5 , 0.2
	4000/5	120*50		1-3	1	20-3.75VA	0.5 , 0.2
	2000/5	130*60		1-3	1	15-3.75VA	0.5 , 0.2
	2500/5	130*60		1-3	1	15-3.75VA	0.5 , 0.2
	3000/5	130*60		1-3	1	20-3.75VA	0.5 , 0.2
	4000/5	130*60		1-3	1	20-3.75VA	0.5 , 0.2
	5000/5	130*60		1-3	1	20-3.75VA	0.5 , 0.2

# D3 Mutual inductor

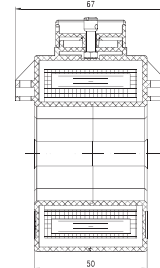
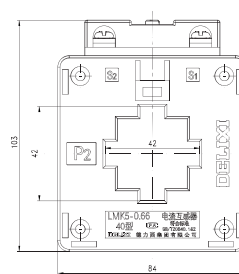
## LMK5-0.66 Current transformer

### Shape and mounting dimensions (mm)

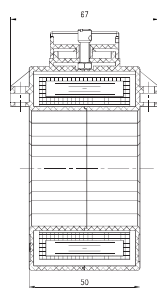
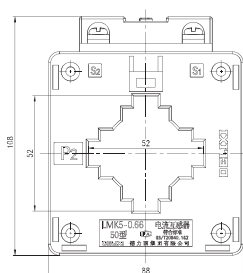
■ Type 30 drawing (Figure 1)



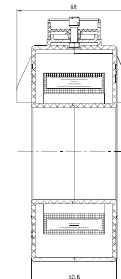
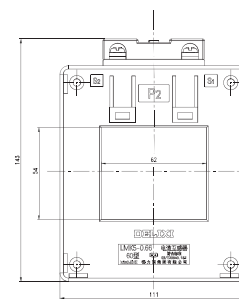
■ Type 40 drawing (Figure 2)



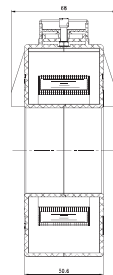
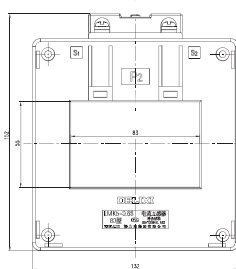
■ Type 50 drawing (Figure 3)



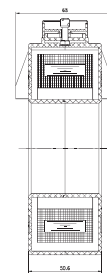
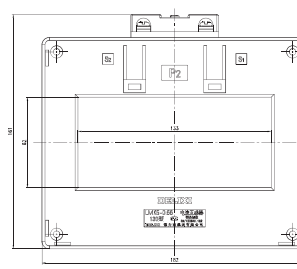
■ Type 60 drawing (Figure 4)



■ Type 80 drawing (Figure 5)



■ Type 130 drawing (Figure 6)



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