

D3 Transformer

LMK-0.66 Current Transformer

Selection Guide

Product name	Rated voltage	Accuracy grade	Primary current (A)	Secondary current (A)	Inner diameter	Rated load	Functional requirements
LMK	☐	☐	☐	☐	☐	☐	☐
	Y: 0.66KV	P1: Grade 1 C5: Grade 0.5 C2: Grade 0.2 S2: Grade 0.2S S5: Grade 0.5S	5: 5A 5000: 5000A	5:5A 1:1A	20: φ20 ... 140: φ140	B:2.5VA C:5-3.75VA D:10-3.75VA E:15-3.75VA F:20-3.75VA	M8: once external connection Z: Once number of turns

Product features

- The iron core of this transformer is annular and rectangular. The secondary winding is evenly distributed along the circumference of the iron core. The flame-retardant PC + ABS alloy material is used as the insulation shell of the transformer.
- The middle window is used for bus winding.
- The secondary winding of this type of transformer is uniformly wound, with very little magnetic flux. It has the advantages of stable performance, light weight and convenient installation.

Product features

National Standards	GB/T 20840.1&2
Accuracy grade	Grade 0.2, Grade 0.5, Grade 0.2 S, Grade 0.5S, Grade 1
Rated voltage	0.66KV
Rated primary current	5-5000A
Rated secondary current	5A
Rated load	(See Table 1)

Allow long-term operation at 110% rated current

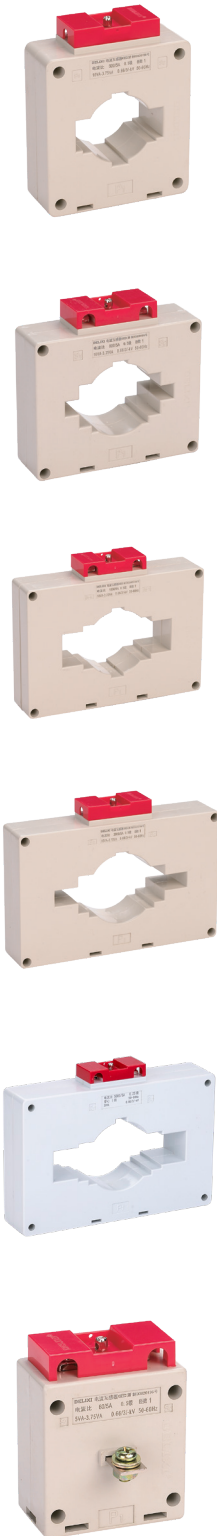
The secondary winding is applied with power frequency voltage of 3KV to the ground for 1min without breakdown and flashover.

Table 1: LMK-0.66 Rated load

Model	Rated current primary/secondary current (A)	Busbar Section size (mm ²)	Number of roots	Through the number of turns	Rated load (VA)	Accuracy grade
LMK-0.66	50/5	20*10	1	1	2.5	1 0.5 0.2 0.5S 0.2S
	75/5	20*10	1	1	2.5	1 0.5 0.2 0.5S 0.2S
	100/5	20*10	1	1	5-3.75	0.5 0.2 0.5S 0.2S
	150/5	20*10	1	1	5-3.75	0.5 0.2 0.5S 0.2S
LMK-0.66	5/5	-	-	30	5-3.75	0.5 0.2 0.5S 0.2S
	10/5	-	-	15	5-3.75	0.5 0.2 0.5S 0.2S
	15/5	-	-	10	5-3.75	0.5 0.2 0.5S 0.2S
	20/5	-	-	10	5-3.75	0.5 0.2 0.5S 0.2S
	25/5	-	-	6	5-3.75	0.5 0.2 0.5S 0.2S
	30/5	-	-	5	5-3.75	0.5 0.2 0.5S 0.2S
	50/5	-	-	3	5-3.75	0.5 0.2 0.5S 0.2S
	75/5	-	-	2	5-3.75	0.5 0.2 0.5S 0.2S
	100/5	-	-	2	5-3.75	0.5 0.2 0.5S 0.2S
	150/5	30*10	1	1	5-3.75	0.5 0.2 0.5S 0.2S
	200/5	30*10	1	1	5-3.75	0.5 0.2 0.5S 0.2S

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Model	Rated current primary/secondary current (A)	Busbar Section size (mm ²)	Number of roots	Through the number of turns	Rated load (VA)	Accuracy grade
LMK-0.66	250/5	30*10	1	1	5-3.75	0.5 0.2 0.5S 0.2S
	300/5	30*10	1	1	5-3.75	0.5 0.2 0.5S 0.2S
	350/5	30*10	1	1	5-3.75	0.5
	400/5	30*10	1	1	5-3.75	0.5 0.2 0.5S 0.2S
	500/5	30*10	1	1	5-3.75	0.5
LMK-0.66	150/5	40*10	1	1	5-3.75	0.5
	200/5	40*10	1	1	5-3.75	0.5
	250/5	40*10	1	1	5-3.75	0.5
	300/5	40*10	1	1	5-3.75	0.5 0.2 0.5S 0.2S
	350/5	40*10	1	1	5-3.75	0.5
	400/5	40*10	1	1	5-3.75	0.5 0.2 0.5S 0.2S
	500/5	40*10	1	1	5-3.75	0.5 0.2 0.5S 0.2S
	600/5	40*10	1	1	10-3.75	0.5 0.2 0.5S
	700/5	40*10	1	1	10-3.75	0.5
	750/5	40*10	1	1	10-3.75	0.5
LMK-0.66	800/5	40*10	1	1	10-3.75	0.5
	1000/5	40*10	1	1	10-3.75	0.5
	250/5	50*10	1	1	5-3.75	0.5
	300/5	50*10	1	1	5-3.75	0.5 0.2 0.5S
	400/5	50*10	1	1	5-3.75	0.5 0.2 0.5S
	500/5	50*10	1	1	5-3.75	0.5 0.2 0.5S 0.2S
	600/5	50*10	1	1	10-3.75	0.5 0.2 0.5S 0.2S
	750/5	50*10	1	1	10-3.75	0.5 0.2 0.5S
	800/5	50*10	1	1	10-3.75	0.5 0.2 0.5S
	1000/5	50*10	1	1	10-3.75	0.5 0.2
LMK-0.66	300/5	60*20	1	1	5-3.75	0.5
	400/5	60*20	1	1	5-3.75	0.5 0.2 0.5S
	500/5	60*20	1	1	5-3.75	0.5 0.2 0.5S
	600/5	60*20	1	1	10-3.75	0.5 0.2 0.5S 0.2S
	750/5	60*20	1	1	10-3.75	0.5 0.2 0.5S 0.2S
	800/5	60*20	1	1	10-3.75	0.5 0.2 0.5S 0.2S
	1000/5	60*20	1	1	10-3.75	0.5 0.2 0.5S 0.2S
	1200/5	60*20	1	1	10-3.75	0.5 0.2 0.5S
	1250/5	60*20	1	1	10-3.75	0.5 0.2
	1500/5	60*20	1	1	15-3.75	0.5 0.2 0.5S
LMK-0.66	2000/5	60*20	1	1	15-3.75	0.5 0.2 0.5S
	500/5	80*10 60*30	1-2	1	5-3.75	0.5
	600/5	80*10 60*30	1-2	1	10-3.75	0.5
	700/5	80*10 60*30	1-2	1	10-3.75	0.5
	750/5	80*10 60*30	1-2	1	10-3.75	0.5 0.2 0.5S 0.2S
	800/5	80*10 60*30	1-2	1	10-3.75	0.5 0.2 0.5S 0.2S
	1000/5	80*10 60*30	1-2	1	10-3.75	0.5 0.2 0.5S 0.2S
	1200/5	80*10 60*30	1-2	1	10-3.75	0.5 0.2 0.5S 0.2S
	1250/5	80*10 60*30	1-2	1	10-3.75	0.5 0.2
	1500/5	80*10 60*30	1-2	1	15-3.75	0.5 0.2 0.5S 0.2S
	1600/5	80*10 60*30	1-2	1	15-3.75	0.5 0.2 0.5S 0.2S
	2000/5	80*10 60*30	1-2	1	15-3.75	0.5 0.2 0.5S 0.2S
	2500/5	80*10 60*30	1-2	1	15-3.75	0.5 0.2 0.5S 0.2S
	3000/5	80*10 60*30	1-2	1	20-3.75	0.5 0.2 0.5S 0.2S

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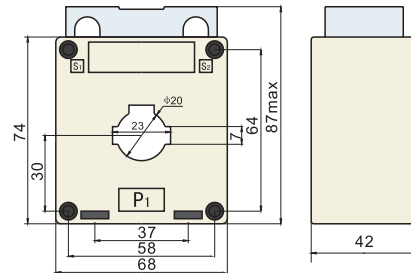
Model	Rated current primary/secondary current (A)	Busbar	Number of roots	Through the number of turns	Rated load (VA)	Accuracy grade
		Section size (mm ²)				
LMK-0.66	750/5	100*30 60*40	1-2	1	10-3.75	0.5 0.2 0.5S
	800/5	100*30 60*40	1-2	1	10-3.75	0.5 0.2 0.5S
	1000/5	100*30 60*40	1-2	1	10-3.75	0.5 0.2 0.5S 0.2S
	1200/5	100*30 60*40	1-2	1	10-3.75	0.5 0.2 0.5S 0.2S
	1250/5	100*30 60*40	1-2	1	10-3.75	0.5 0.2
	1500/5	100*30 60*40	1-2	1	15-3.75	0.5 0.2 0.5S 0.2S
	1600/5	100*30 60*40	1-2	1	15-3.75	0.5
	2000/5	100*30 60*40	1-2	1	15-3.75	0.5 0.2 0.5S 0.2S
	2500/5	100*30 60*40	1-2	1	15-3.75	0.5 0.2 0.5S 0.2S
	3000/5	100*30 60*40	1-2	1	20-3.75	0.5 0.2 0.5S 0.2S
	4000/5	100*30 60*40	1-2	1	20-3.75	0.5 0.2 0.5S 0.2S
LMK-0.66	1000/5	120*25 80*30	1-2	1	10-3.75	0.5
	1200/5	120*25 80*30	1-2	1	10-3.75	0.5 0.2 0.5S
	1250/5	120*25 80*30	1-2	1	10-3.75	0.5 0.2
	1500/5	120*25 80*30	1-2	1	15-3.75	0.5 0.2 0.5S 0.2S
	2000/5	120*25 80*30	1-2	1	15-3.75	0.5 0.2 0.5S 0.2S
	2500/5	120*25 80*30	1-2	1	15-3.75	0.5 0.2 0.5S 0.2S
	3000/5	120*25 80*30	1-2	1	20-3.75	0.5 0.2 0.5S 0.2S
	4000/5	120*25 80*30	1-2	1	20-3.75	0.5 0.2 0.5S 0.2S
	5000/5	120*25 80*30	1-2	1	20-3.75	0.5 0.2 0.5S 0.2S
	1500/5	140*30	1	1	15-3.75	0.5 0.2 0.5S 0.2S
	2000/5	140*30	1	1	15-3.75	0.5 0.2 0.5S 0.2S
	2500/5	140*30	1	1	15-3.75	0.5 0.2 0.5S 0.2S
	3000/5	140*30	1	1	20-3.75	0.5 0.2 0.5S 0.2S
	4000/5	140*30	1	1	20-3.75	0.5 0.2 0.5S 0.2S
	5000/5	140*30	1	1	20-3.75	0.5 0.2 0.5S 0.2S
LMK-066 outer-link	5/5	-	-	-	5-3.75	0.5
	10/5	-	-	-	5-3.75	0.5
	15/5	-	-	-	5-3.75	0.5
	20/5	-	-	-	5-3.75	0.5
	25/5	-	-	-	5-3.75	0.5
	30/5	-	-	-	5-3.75	0.5
	50/5	-	-	-	5-3.75	0.5
	75/5	-	-	-	5-3.75	0.5
	100/5	-	-	-	5-3.75	0.5

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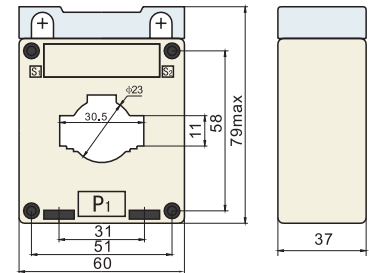
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Outline and Installation Dimensions (mm)

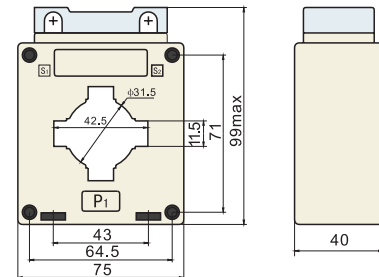
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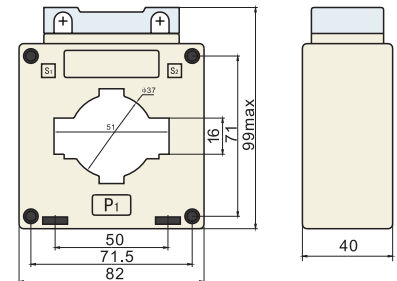
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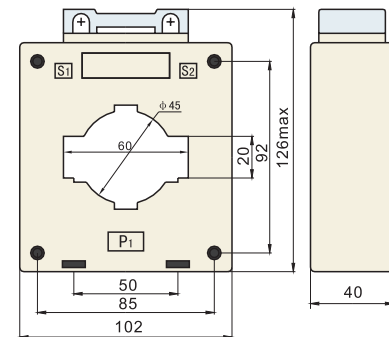
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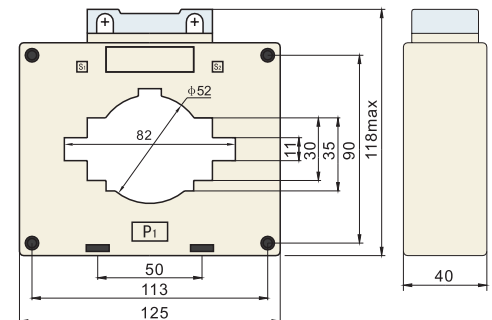
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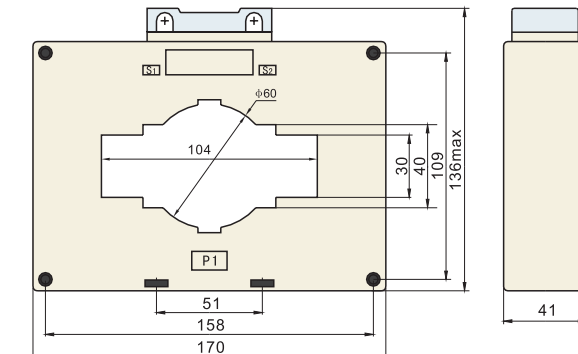
■ Type LMK-0.66 60 Drawing



■ Type LMK-0.66 80 Drawing



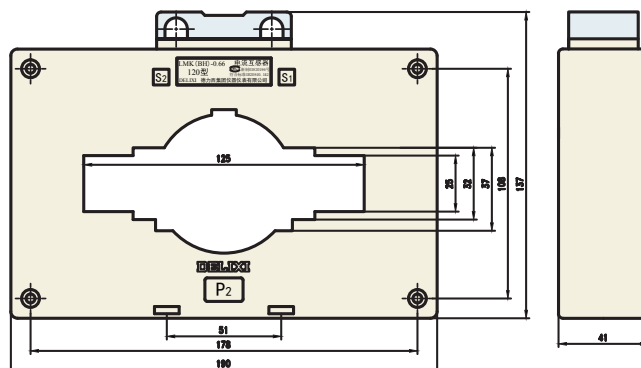
■ Type LMK-0.66 100 Drawing



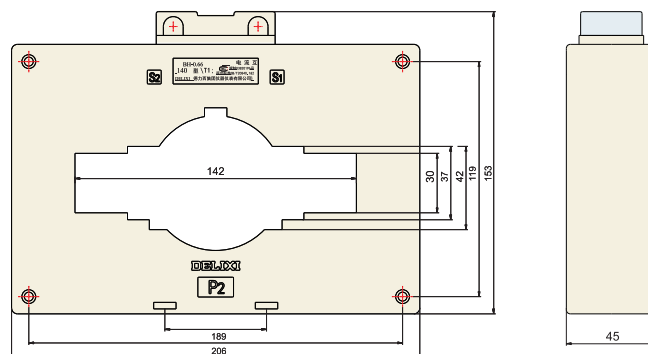
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■ Type LMK-0.66 120 Drawing



■ Type LMK-0.66 140 Drawing



■ LMK-0.66 Primary external connection drawing

