

MAK 104/60

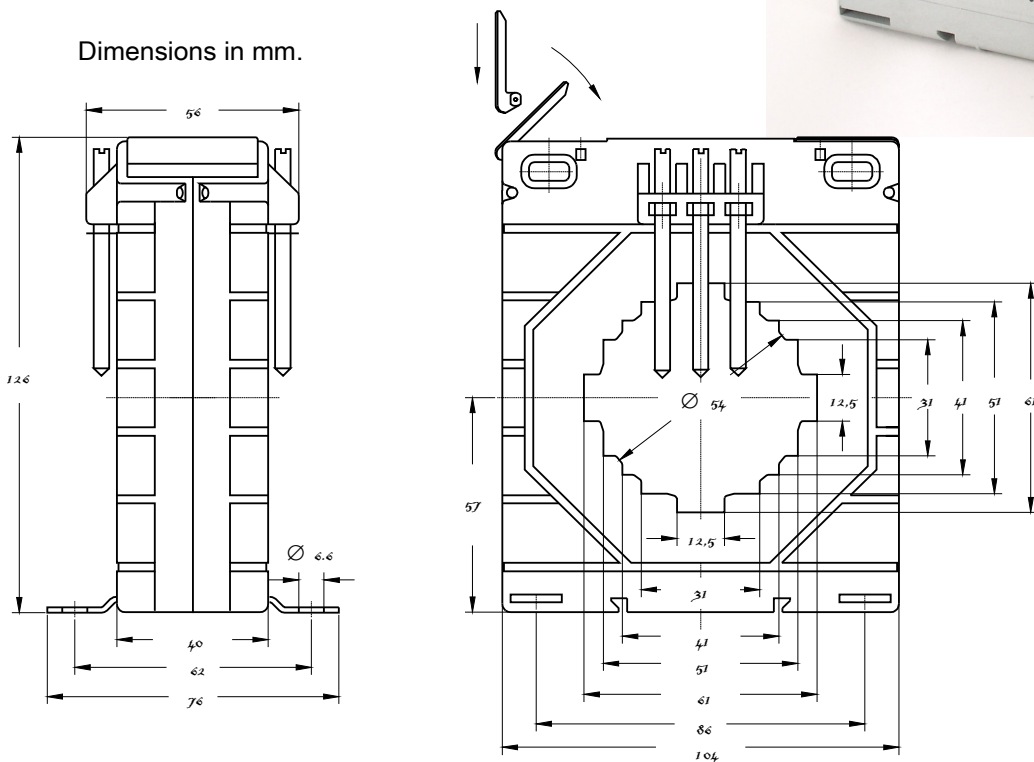
For currents from 100 A to 1600 A
 Type: ring / busbar
 Standards: acc. to BS 3938, EN 60044-1

Technical data:

Class of accuracy: 0.2S ... 3 (see table).
Rated burden: max. 45 VA (see table).
Rated voltage: 720 V.
Rated frequency: 50-60 Hz.
Rated sec. current: 5 A (or 1 A on request).
Security factor: FS 5 FS10
Working temperature range: -20 ... +45°C.
High voltage test: 4 kV_{eff}, 50 Hz, 1 min.
Insulation class: E (max. 120°C)
Protection: IP 00.
Case: non-flammable plastic, UL 94 V-0.



Outline drawing MAK104/60



Weight: 550...650gr

Order specification:

- Ring-type current transformer.
- Class of accuracy: 1
- Rated primary current: 1500 A.
- Rated burden: 30 VA
- Rated secondary current: 5 A
- Busbar dimension 60x12,5mm or Ø54 mm.

MAK 104/60	1500/5 A	Cl. 1	30VA
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Note:

On request orders for types different from table are accepted.
 On request order for clip for DIN EN 50 022 rail are accepted. Cat. No: **12-3044-94**

Different types of MAK104/60 current transformers see table on next page



CURRENT TRANSFORMERS



Rated primary current	Acc. class	Type: MAK 104/60										
		Max. busbar hole dimension: 61x12.5 mm or Ø54 mm (see outline drawing)										
		Rated burden (VA)										
I_n		1.5	2.5	3.75	5	7.5	10	12.5	15	20	30	45
100 A	0.5 1 3	x		x								
125 A	0.5 1 3		x		x							
150 A	0.5 1 3		x		x		x					
200 A	0.5 1 3			x	x		x			x		
250 A	0.2 0.5	x			x	x						
	1 3				x		x	x	x			
300 A	0.2S 0.5S	x										
	0.2 0.5		x		x		x					
	1 3				x		x		x	x		
400 A	0.2S 0.5S	x	x									
	0.2 0.5		x	x	x		x					
	1 3				x		x		x	x		
500 A	0.2S 0.5S		x	x								
	0.2 0.5				x	x	x		x			
	1 3				x		x		x	x	x	
600 A	0.2S 0.5S			x	x							
	0.2 0.5				x		x		x			
	1 3				x		x		x		x	
750 A	0.2S 0.5S				x							
	0.2 0.5				x		x		x	x		
	1 3				x		x		x	x	x	
800 A	0.2S 0.5S				x							
	0.2 0.5				x		x		x		x	
	1 3				x		x		x		x	
1000 A	0.2S 0.5S				x		x					
	0.2 0.5				x		x		x	x	x	
	1 3				x		x		x	x	x	x
1200 A	0.2S 0.5S				x		x		x			
	0.2 0.5				x		x		x		x	
	1 3				x		x		x		x	x
1250 A	0.2S 0.5S				x		x		x			
	0.2 0.5				x		x		x		x	
	1 3				x		x		x		x	x
1500 A	0.2S 0.5S				x		x		x			
	0.2 0.5				x		x		x		x	
	1 3				x		x		x		x	x
1600 A	0.2S 0.5S				x		x		x			
	0.2 0.5				x		x		x		x	
	1				x		x		x		x	x

MAK104/60d

These current transformers can be used two range by re-switching the secondary windings.

Rated primary current I_n	Acc. cl.	Type: MAK 104/60d			
		Busbar hole 61x12,5 mm (see fig.)			
		Rated burden (VA)			
		5-2,5	10-5	15-7,5	30-15
300-150 A	0.5 1 3	x	x		
400-200 A	0.5 1 3	x	x	x	
500-250 A	0.5 1 3	x	x	x	
600-300 A	0.5 1 3		x	x	
800-400 A	0.5 1 3		x	x	x
1000-500 A	0.5 1 3		x	x	x
1200-600 A	0.5 1 3		x	x	x
1500-750 A	0.5 1 3		x	x	x
1600-800 A	0.5 1 3		x	x	x

MAK104/60t

These current transformers can be used three range by re-switching the secondary windings.

Rated primary current I_n	Acc. cl.	Type: MAK 104/60t		
		Busbar hole 61x12,5 mm (see fig.)		
		Rated burden (VA)		
		10-5-2,5	15-10-5	30-15-7,5
600-300-150 A	0.5 1 3	x	x	
800-400-200 A	0.5 1 3	x	x	
1000-500-250 A	0.5 1 3	x	x	
1200-600-300 A	0.5 1 3	x	x	
1500-750-400 A	0.5 1 3		x	x
1600-800-400 A	0.5 1 3		x	x