

## MAK 104/80

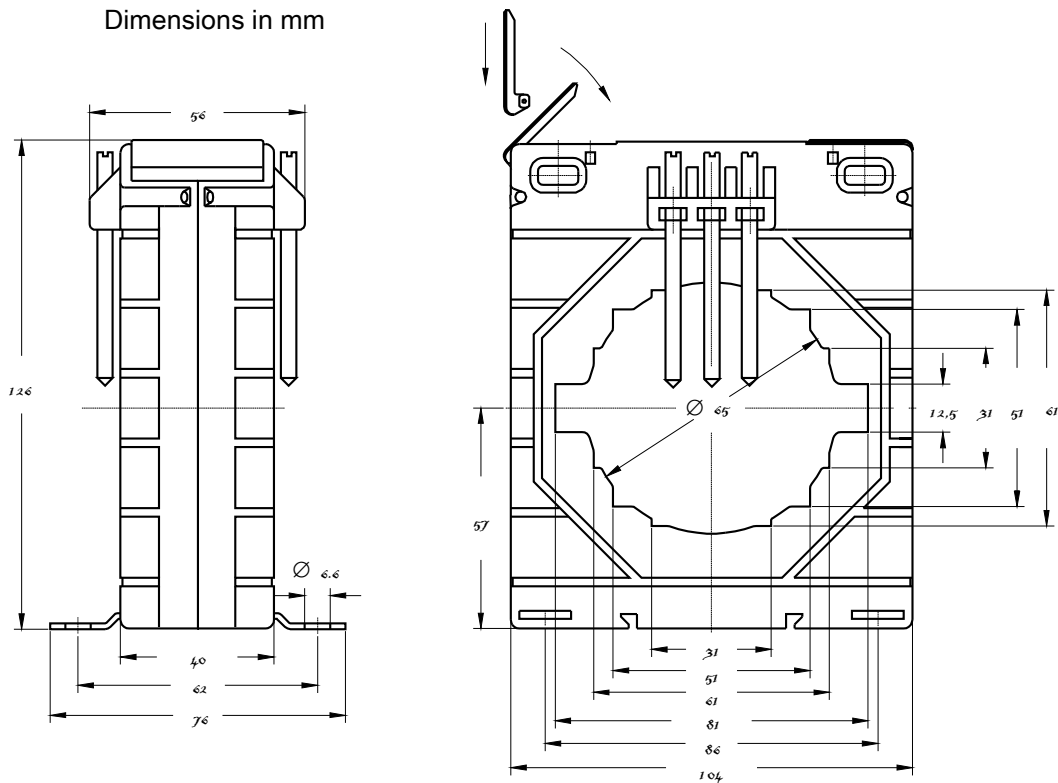
For currents from 200 A to 2000A  
 Type: ring / busbar  
 Standards: acc. to BS 3938, EN 60044-1

### Technical data:

**Class of accuracy:** 0.2S... 3 (see table).  
**Rated burden:** max. 30 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<sub>eff</sub>, 50 Hz, 1 min.  
**Insulation class:** E (max. 120°C)  
**Protection:** IP 00.  
**Case:** non-flammable plastic, UL 94 V-0.



Outline drawing of MAK 104/80



Weight: 580...650gr

### Order specification

- Ring-type current transformer
- Class of accuracy: 0.5
- Rated primary current: 2000 A.
- Rated secondary current: 5 A.
- Rated burden: 15 VA
- Busbar dimension: 80x12,5 mm or  $\varnothing$  65mm

### 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 MAK104/80 current transformers see table on next page

**MAK 104/80    2000/5 A    Cl. 0,5 15VA**



# CURRENT TRANSFORMERS



Rated primary current $I_n$	Acc. class	Type: MAK 104/80									
		Max. busbar hole dimension: 81x12.5 mm or $\varnothing$ 65 mm (see outline drawing)									
		Rated Burden (VA)									
		1.5	2.5	3.75	5	7.5	10	12.5	15	20	30
200 A	0.5	x									
	1										
	3										
250 A	0.5	x									
	1		x								
	3					x					
300 A	0.5		x								
	1				x	x					
	3										
400 A	0.2	x									
	0.5				x						
	1				x		x				
500 A	0.2	x									
	0.5				x						
	1				x		x				
600 A	0.2S	x									
	0.5S					x					
	0.2		x								
750 A	0.5				x	x					
	1				x			x			
	3				x				x		
800 A	0.2S				x						
	0.5S				x		x				
	0.2		x			x					
1000 A	0.5				x	x					
	1				x			x			
	3				x				x	x	
1200 A	0.2S				x						
	0.5S				x		x				
	0.2				x		x		x		
1250 A	0.5				x		x		x		
	1				x		x		x		x
	3				x		x		x		
1500 A	0.2S				x				x		
	0.5S				x		x		x		
	0.2				x		x		x		
1600 A	0.5				x		x		x		
	1				x		x		x		x
	3				x		x		x		
2000 A	0.2S				x				x	x	
	0.5S				x		x		x		
	0.2				x		x		x	x	
2000 A	0.5				x		x		x		
	1				x		x		x		x
	3				x		x		x		

## MAK104/80d

These current transformers can be used two range



# CURRENT TRANSFORMERS



by re-switching the secondary windings.

Rated primary current $I_n$	Acc. cl.	Type: MAK 104/80d			
		Busbar hole 81x12,5 mm (see fig.)			
		Rated burden (VA)			
		5-2,5	10-5	15-7,5	30-15
500-250A	0,5 1 3	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	
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	x
2000-1000 A	0,5 1 3		x	x x	x

## MAK104/80t

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

Rated primary current $I_n$	Acc. cl.	Type: MAK 104/80t	
		Busbar hole 81x12,5 mm (see fig.)	
		Rated burden (VA)	
		10-5-2,5	15-10-5
1000-500-250A	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
2000-1000-500 A	0,5 1 3	x	x

### Order specification:

**MAK 104/80d 800-400/5 A Cl. 0,5 5-2,5VA**

- Ring-type current transformer.
- Class of accuracy: 0.5
- Rated primary current: 800-400 A.
- Rated secondary current: 5 A.
- Rated burden: 5-2,5 VA
- Busbar dimension: 80x12,5 mm or  $\varnothing$  65 mm.