

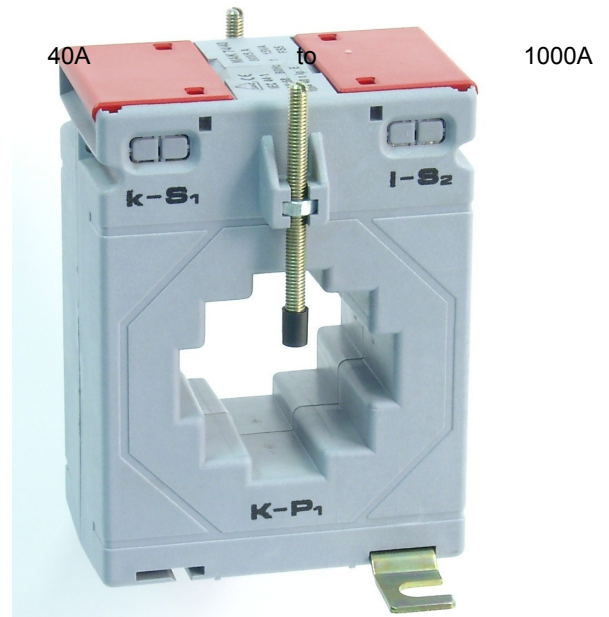


## MAK74/40

For currents from 40A to 1000A  
 Type: ring / busbar  
 Standards: acc. to BS 3938, EN 60044-1

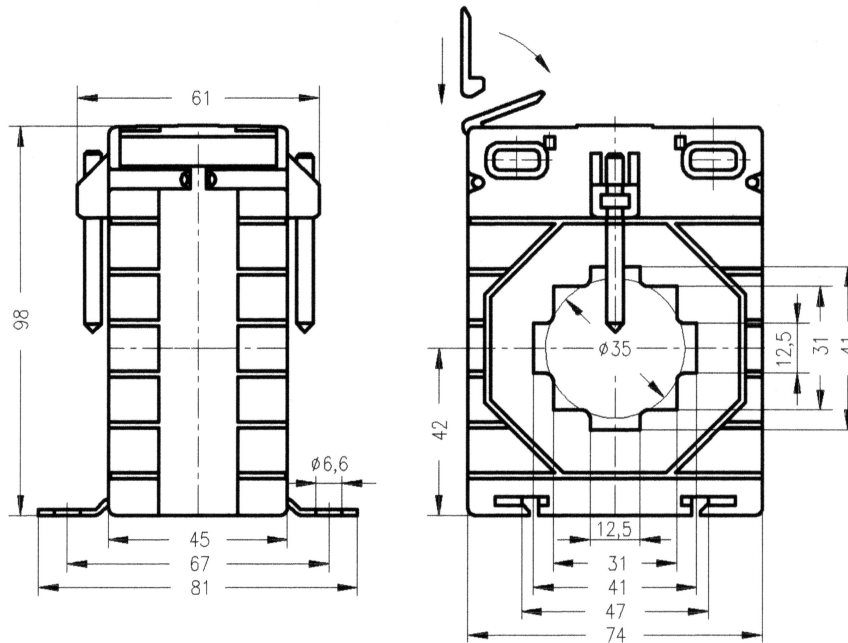
### Technical data:

**Class of accuracy:** 0.2S ... 3 (see table).  
**Rated burden:** max. 15 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 74/40

Dimension in mm.



Weight: 400...500gr

### Order specification:

- Ring-type current transformer
- Class of accuracy: 1
- Rated primary current: 500 A.
- Rated secondary current: 5 A.
- Rated burden: 5 VA
- Busbar dimension: 40x12,5 mm

MAK 74/40	500/5 A	Cl. 1	5VA
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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 MAK 74/40 current transformers see table on next page

Rated primary	Acc.	Type: MAK 74/40
		Busbar hole 41x12,5 mm (see fig.)



# CURRENT TRANSFORMERS



current	class	Rated burden (VA)								
		1	1.5	2.5	3.75	5	7.5	10	12.5	15
40 A	0,5	x								
	1									
50 A	0,5		x							
	1									
60 A	0,5	x	x							
	1									
75 A	0,5		x	x						
	1									
80 A	0,5		x	x						
	1									
100 A	0,5		x	x	x					
	1									
125 A	0,5		x	x	x					
	1									
150 A	0,5			x	x	x				
	1									
200 A	0,2S		x	x						
	0,5S									
	0,2		x		x					
	0,5									
1					x					
3						x				
250 A	0,2S		x	x						
	0,5S									
	0,2		x	x						
	0,5									
1					x		x			
3						x			x	
300 A	0,2S		x	x						
	0,5S									
	0,2		x	x						
	0,5									
1					x		x			
3						x			x	
400 A	0,2S	x		x	x					
	0,5S									
	0,2		x	x						
	0,5									
1					x			x		
3						x				x
500 A	0,2S			x	x					
	0,5S									
	0,2		x	x						
	0,5									
1					x		x			
3						x			x	
600 A	0,2S			x	x					
	0,5S									
	0,2		x	x						
	0,5									
1					x		x			
3						x			x	
750 A	0,2S									
	0,5S									
	0,2									
	0,5									
1										
3										
800 A	0,2S									
	0,5S									
	0,2									
	0,5									
1										
3										
1000 A	0,2S									
	0,5S									
	0,2									
	0,5									
1										
3										

## MAK74/40d

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

Rated primary	Ac	Type: MAK 74/40d
		Busbar hole 41x12,5 mm (see fig.)



# CURRENT TRANSFORMERS



current $I_n$	cl.	Rated burden (VA)			
		5-2,5	7,5-3,75	10-5	15-7,5
200-100 A	0,5 1 3	x			
300-150 A	0,5 1 3			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	x
800-400 A	0,5 1 3			x x	x x
1000-500 A	0,5 1 3			x x	x x

## MAK 74/40t

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

Rated primary current $I_n$	Ac. cl.	Type: MAK 74/40t	
		Busbar hole 41x12,5 mm (see fig.)	
		Rated burden (VA)	
		10-5-2,5	20-10-5
300-200-100A	0,5 1 3	x	
600-300-150A	0,5 1 3	x	x
800-400-200A	0,5 1 3	x	x x
1000-500-250A	0,5 1 3	x	x x

### Order specification:

- Ring-type current transformer.
- Class of accuracy: 0,5
- Rated primary current: 1000-500-250A.
- Rated secondary current 5 A
- Rated burden: 10-5-2,5 VA
- Busbar section: 40x12,5 mm

<b>MAK 74/40t</b>	<b>1000-500- 250/5A</b>	<b>Cl. 0,5</b>	<b>10-5-2,5VA</b>
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