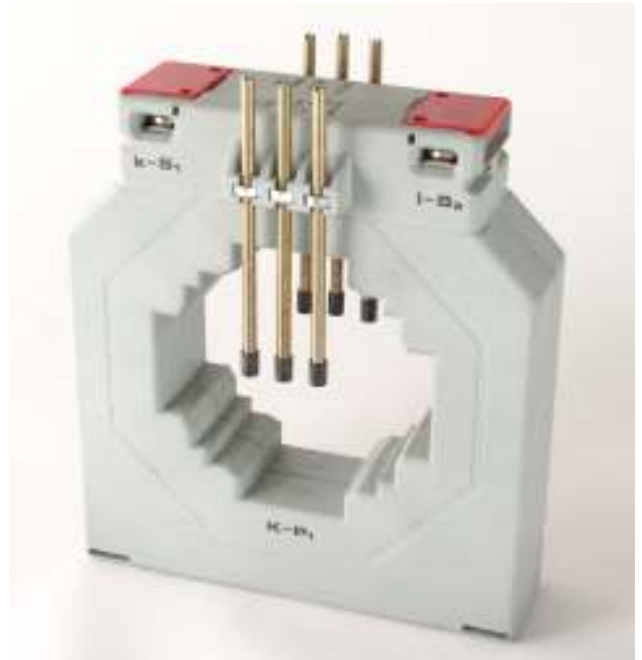


## MAK 140/80

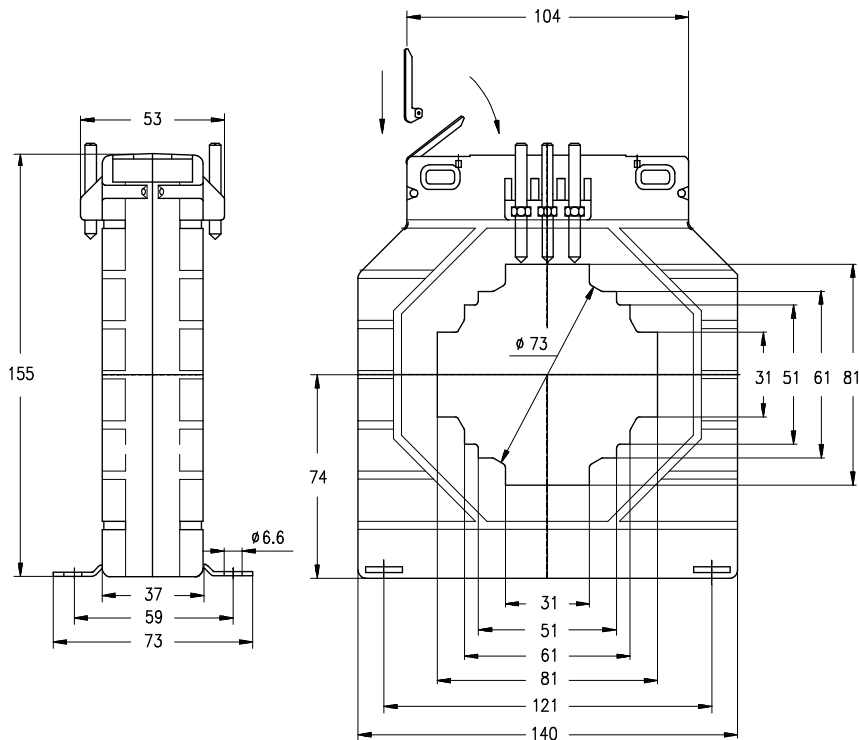
For currents from 200 A to 2000 A  
 Type: ring / busbar  
 Standards: acc. to BS 3938, EN 60044-1

### Technical data:

**Class of accuracy:** 0,2S ... 3 (see table).  
**Rated burden:** max. 60 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 140/80



**Weight:** 1000...1200gr

### Order specification:

- Ring-type current transformer.
- Class of accuracy: 0.5
- Rated primary current: 2000 A.
- Rated secondary current: 5 A.
- Rated burden: 30 VA
- Busbar dimension: 2x80x10 mm or  $\varnothing$  73 mm.

**Note:** -On request orders for types different from table are accepted.

**MAK 140/80 2000/5 A Cl. 0,5 30VA**

**Different types of MAK140/80 current transformers see in the table on next page**



# CURRENT TRANSFORMERS



Rated primary current	Acc. class	Type: MAK 140/80											
		Max. busbar hole dimension: 81x31 mm or $\varnothing$ 73 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	60
200 A	0.5		x		x	x							
	1												
	3												
250 A	0.5				x		x						
	1				x								
	3								x				
300 A	0.2	x			x	x							
	0.5				x		x						
	1				x								
400 A	0.2S		x										
	0.5S		x										
	0.2				x		x						
500 A	0.5				x								
	1				x		x						
	3							x	x	x			
600 A	0.2S		x	x									
	0.5S												
	0.2			x	x	x							
750 A	0.5				x								
	1				x		x						
	3								x	x	x	x	x
800 A	0.2S				x								
	0.5S				x								
	0.2				x		x	x					
1000 A	0.5				x		x	x	x				
	1				x		x						
	3										x	x	x
1200 A	0.2S				x		x						
	0.5S				x		x						
	0.2				x		x						
1250 A	0.5				x		x						
	1				x		x						
	3										x	x	x
1500 A	0.2S				x		x						
	0.5S				x		x						
	0.2				x		x						
1600 A	0.5				x		x						
	1				x		x						
	3										x	x	x
2000 A	0.2S				x		x						
	0.5S				x		x						
	0.2				x		x						
2000 A	0.5				x		x						
	1				x		x						
	3										x	x	x



## MAK140/80d

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

Rated primary current $I_n$	Acc. cl.	Type: MAK 140/80d			
		Busbar hole 81x31 mm (see fig.)			
		Rated burden (VA)			
		5-2,5	10-5	15-7,5	30-15
600-300A	0,5 1 3	X	X		
800-400A	0,5 1 3	X	X	X	
1000-500A	0,5 1 3		X	X	X
1200-600A	0,5 1 3		X	X	X
1600-800A	0,5 1 3		X	X	X
2000-1000A	0,5 1 3		X	X	X

## MAK140/80t

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

Rated primary current $I_n$	Acc. cl.	Type: MAK 140/80t		
		Busbar hole 81x31mm (see fig.)		
		Rated burden (VA)		
		10-5-2,5	20-10-5	30-15-7,5
1200-600-300A	0,5 1 3	X	X	X
1600-800-400A	0,5 1 3	X	X	X
2000-1000-500A	0,5 1 3	X	X	X

### Order specification:

- Ring-type current transformer.
- Class of accuracy: 0.5
- Rated primary current: 1000-500 A.
- Rated secondary current: 5 A.
- Rated burden: 10-5 VA
- Busbar dimension: 2x80x10 mm or  $\varnothing$  73 mm.

**MAK 140/80d 1000-500/5 A Cl.0,5 10-5VA**