



# Protection current transformer

TRP model selection table, according to:  
 Primary current intensity  
 Maximum wiring diameter  
 Assigned VA power  
 Assigned accuracy/protection class

	TRP 40	TRP 60	TRP 80	TRP 100	TRP 140	TRP 180
	5P10-5P20	5P10-5P20	5P10-5P20	5P10-5P20	5P10-5P20	5P10-5P20
Power (VA)						
100/5	5					
150/5	5	2.5				
200/5	10	2.5				
250/5	10	5	5			
300/5	15	5	5			
400/5	20	7.5	7.5			
500/5	25	10	10			
600/5	inner Ø 40 mm	10	10	inner Ø 100 mm		
750/5		15	15	5	inner Ø 140 mm	
800/5		15	15	5		
1 000/5		20	20	7.5	5	
1 200/5		inner Ø 60 mm	25	10	5	inner Ø 180 mm
1 250/5			25	10	5	
1 500/5			30	10	10	5
1 600/5			30	15	10	5
1 800/5			35	15	10	5
2 000/5			inner Ø 80 mm	15	10	7.5
2 500/5				20	10	10
3 000/5				25	15	10
4 000/5					15	15
5 000/5						15

## TRP, Protection transformers encapsulated in resin

Type	TRP40-5P10				TRP40-5P20				TRP60-5P10				TRP60-5P20			
																
Usefull diam. (mm)	Ø 40 mm								Ø 60 mm							
Accuracy	5P10				5P20				5P10				5P20			
A	VA	Code	weight (kg)		VA	Code	weight (kg)		VA	Code	weight (kg)		VA	Code	weight (kg)	
100	5	[4] P50311.	5,00		5	[4] P50211.	9,00									
150	5	[4] P50312.	5,00		5	[4] P50212.	9,00		2.5	[4] P50321.	2,60		2.5	[4] P50221.	4,20	
200	10	[4] P50313.	5,00		10	[4] P50213.	9,00		2.5	[4] P50322.	2,70		2.5	[4] P50222.	4,20	
250	10	[4] P50314.	5,00		10	[4] P50214.	9,00		5	[4] P50323.	2,70		5	[4] P50223.	4,30	
300	15	[4] P50315.	5,10		15	[4] P50215.	9,10		5	[4] P50324.	2,70		5	[4] P50224.	4,70	
400	20	[4] P50316.	5,10		20	[4] P50216.	9,20		7.5	[4] P50325.	2,80		7.5	[4] P50225.	4,90	
500	25	[4] P50317.	5,20		25	[4] P50217.	9,30		10	[4] P50326.	2,80		10	[4] P50226.	5,10	
600									10	[4] P50327.	2,90		10	[4] P50227.	5,20	
750									15	[4] P50328.	3,00		15	[4] P50228.	5,30	
1000									20	[4] P50329.	3,20		20	[4] P50229.	5,50	

Delivery time: [\*] immediate  
 [x] working weeks  
 [c] consult

Type	TRP80-5P10			TRP80-5P20			TRP100-5P10			TRP100-5P20		
Usefull diam. (mm)	ø 80 mm						ø 100 mm					
Accuracy	5P10			5P20			5P10			5P20		
A	VA	Code	weight (kg)	VA	Code	weight (kg)	VA	Code	weight (kg)	VA	Code	weight (kg)
250	5	[4] P50331.	3,20	5	[4] P50231.	5,60						
300	5	[4] P50332.	3,30	5	[4] P50232.	6,00						
400	7.5	[4] P50333.	3,30	7.5	[4] P50233.	5,80						
500	10	[4] P50334.	3,40	10	[4] P50234.	5,90						
600	10	[4] P50335.	3,50	10	[4] P50235.	6,10						
800	15	[4] P50336.	3,60	15	[4] P50236.	6,00						
1000	20	[4] P50337.	3,70	20	[4] P50237.	6,30	7.5	[4] P50342.	3,40	7.5	[4] P50242.	5,80
1200	25	[4] P50338.	3,80	25	[4] P50238.	6,60	10	[4] P50343.	3,40	10	[4] P50243.	5,90
1500	30	[4] P50339.	4,00	30	[4] P50239.	6,90	10	[4] P50344.	3,50	10	[4] P50244.	6,10
750							5	[4] P50341.	3,40	5	[4] P50241.	5,60
2000							15	[4] P50346.	3,70	15	[4] P50246.	6,40
2500							15	[4] P50347.	3,90	15	[4] P50247.	6,80
3000							20	[4] P50348.	4,56	20	[4] P50248.	7,65

Type	TRP140-5P10			TRP140-5P20			TRP180-5P10			TRP180-5P20		
Usefull diam. (mm)	ø 140 mm						ø 180 mm					
Accuracy	5P10			5P20			5P10			5P20		
A	VA	Code	weight (kg)	VA	Code	weight (kg)	VA	Code	weight (kg)	VA	Code	weight (kg)
1000	5	[4] P50351.	3,70	5	[4] P50251.	6,20						
1250	5	[4] P50352.	3,80	5	[4] P50252.	6,40						
1500	10	[4] P50353.	3,90	10	[4] P50253.	6,60	5	[4] P50361.	4,50	5	[4] P50261.	8,10
2000	10	[4] P50354.	5,10	10	[4] P50254.	7,10	7.5	[4] P50362.	4,50	7.5	[4] P50262.	7,60
2500	10	[4] P50355.	4,50	10	[4] P50255.	7,50	10	[4] P50363.	5,00	10	[4] P50263.	8,50
3000	15	[4] P50356.	4,60	15	[4] P50256.	8,00	10	[4] P50364.	5,20	10	[4] P50264.	8,90
4000	15	[4] P50357.	5,20	15	[4] P50257.	8,90	15	[4] P50365.	5,70	15	[4] P50265.	9,70
5000							15	[4] P50366.	6,20	15	[4] P50266.	10,60

Code	Internal code		
P 5 X X X X 0 0 X			
		↑	Delivery time
Secondary current	Standard (.../ 5 A)	0	-
	... / 1A	1	5

**!** TRM, Measure current transformers encapsulated in resin, see section **Measurements and control / Measuring current transformers and shunts**