




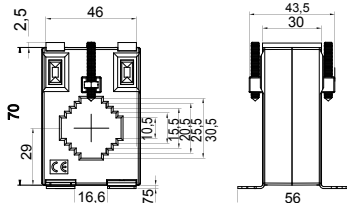
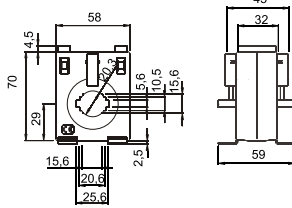
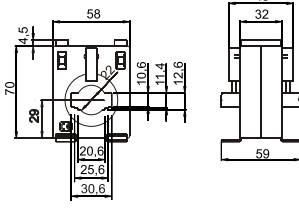
Measuring transformers and shunts

Table: Current transformers and shunts selection


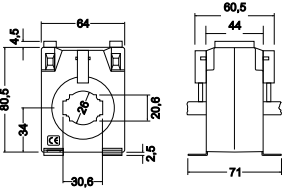
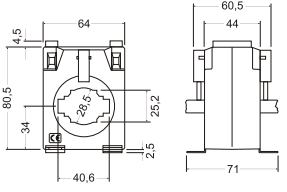
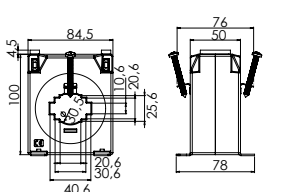

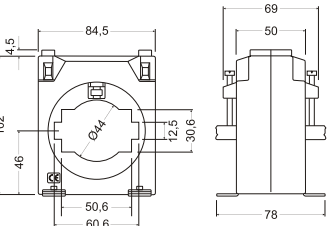
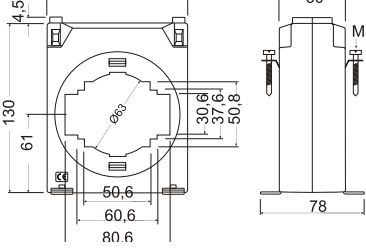
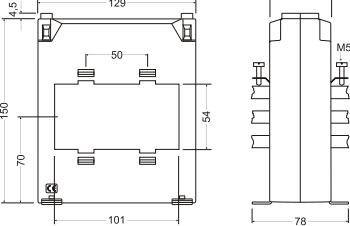
		TC	TCH	TA	TP	STP	MC	TM 45	TRMC	TRM	SH
AC Measurement	For measuring instruments	•	•	•	•	•	•	•	-	•	•
	For billing meters	-	-	-	-	-	-	-	•	-	-
	Wound primary	-	-	T	-	-	-	•	T	-	-
	Passing bar	•	•	T	•	-	•	-	T	•	-
	Split-core	-	-	-	•	•	-	-	-	-	-
	Minimum range (A)	40	50	5	50	100	50	1	100	75	-
	Maximum range (A)	4000	4000	5000	6000	300	2000	50	2000	5000	-
	High accuracy	-	•	-	-	-	-	-	-	-	-
	Three-phase	-	-	-	-	-	T	-	T	-	-
	DC measurement	Minimum range (A)	-	-	-	-	-	-	-	-	-
Maximum range (A)	-	-	-	-	-	-	-	-	-	-	20000
Other parameters	Secondary output	.../5	.../5	.../5	.../5	.../1	...250 mA	.../5	.../5	.../5	.../60 mV
	in resin	OP	OP	-	-	-	-	-	•	•	-
	Sealable	OP	OP	OP	•	-	-	-	•	-	-
	UL Certificate	-	T	T	-	-	-	-	-	-	-
	Individual certificate	OP	OP	OP	OP	-	-	-	OP	OP	-
	Page	33	35	38	36	37	36	37	39	40	42

T - Depending on the type
OP - Optional

TC, Current transformers narrow section

Type	TC 4	TC 5	TC 5.2
			
Flat strip	30 x 10 20 x 10 25 x 5	20 x 10 25 x 5 15 x 5	20 x 12 25 x 10 30 x 10
A \ V-A	Class	Class	Class
	Code	Code	Code
	0,5 1 3	0,5 1 3	0,5 1 3
40/5	- - -	- - 1,5	[*] M70311
50/5	- - 1	- - 3	[*] M703D5
60/5	- - 1,25	- 1,25 3,5	[*] M703D6
75/5	- - 1,25	- 2 3,5	[*] M703D7
100/5	- 2,0 3	1,5 2,5 3,75	[*] M703D8
125/5	- 2,5 3,75	1,75 3,5 5	[*] M703D9
150/5	1,5 2,5 4	2,5 3,5 5	[*] M703DA
200/5	2,5 5 6	3,75 5 5	[*] M703DB
250/5		5 7,5 7,5	[*] M70319
300/5			3,5 3,75 5
400/5			3,5 5 7,5
500/5			5 7,5 10
600/5			5 7,5 10

For other parameter coding, see table at the end of this section

Type	TC 6,2	TC 6	TC 8.3
			
Flat strip	20 x 20 25 x 12 30 x 10	30 x 15 20 x 10 40 x 10	20 x 25 30 x 20 40 x 10
A \ V-A	Class	Class	Class
	0,5 1 3 Code	0,5 1 3 Code	0,5 1 3 Code
100/5	1,75 3,75 7,5 [*] M70341		
125/5	3,75 7,5 10 [*] M70342		
150/5	5 7,5 10 [*] M70343	1 3,5 5 [*] M70331	
200/5	7,5 10 10 [*] M70344	3,5 5 7,5 [*] M70332	10 15 25 [3] M703B2
250/5	7,5 10 15 [*] M70345	5 7,5 10 [*] M70333	10 15 20 [3] M703B1
300/5	10 10 15 [*] M70346	5 7,5 10 [*] M70334	15 20 25 [3] M703B3
400/5	10 10 15 [*] M70347	5 7,5 10 [*] M70335	15 20 25 [3] M703B4
500/5	15 15 20 [*] M70348	7,5 10 15 [*] M70336	15 20 25 [3] M703B5
600/5	15 20 25 [*] M70349	7,5 10 15 [*] M70337	15 20 25 [3] M703B6
750/5		10 15 20 [*] M70338	20 25 30 [3] M703B7
800/5		10 15 20 [*] M70339	25 30 35 [3] M703B8
1 000/5			25 30 35 [3] M703B9
Type	TC 8	TC 10	TC 12
			
Flat strip	50 x 30 60 x 12	50 x 50 60 x 30 80 x 30	3 x 100 x 10
A \ V-A	Class	Class	Class
	0,5 1 3 Code	0,5 1 3 Code	0,5 1 3 Code
200/5	1 2,5 5 [*] M7036C	1 2,5 5 [*] M7037F	
300/5	2,5 5 7,5 [*] M7036B	2,5 5 7,5 [*] M7037D	
400/5	5 7,5 10 [*] M70361	2,5 5 7,5 [3] M7037G	
500/5	7,5 10 15 [*] M70362	5 7,5 10 [*] M7037B	
600/5	10 15 20 [*] M70363	7,5 10 15 [*] M7037C	
750/5	15 20 25 [*] M70364	7,5 10 15 [3] M7037H	
800/5	15 20 30 [*] M70365	7,5 10 15 [*] M70372	10 15 20 [*] M7038B
1 000/5	15 20 30 [*] M70366	10 15 20 [*] M70373	10 15 20 [*] M70381
1 200/5	15 20 30 [*] M70367	10 15 20 [*] M70374	10 15 20 [*] M70382
1 250/5	15 20 30 [*] M7036A	10 15 20 [*] M7037E	10 15 20 [3] M7038D
1 500/5	15 20 30 [*] M70368	15 20 25 [*] M70375	15 20 30 [*] M70383
1 600/5	15 20 30 [*] M70369	15 20 25 [*] M70376	15 20 30 [*] M70384
2 000/5		15 20 25 [*] M70377	15 20 30 [*] M70385
2 500/5		15 20 30 [*] M70378	20 30 40 [*] M70386
3 000/5		15 20 30 [*] M70379	30 40 60 [*] M70387
3 200/5			30 40 60 [3] M7038C
4 000/5			35 40 60 [*] M70388


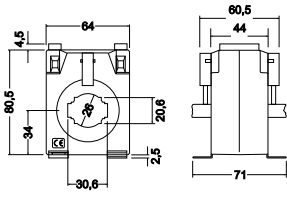
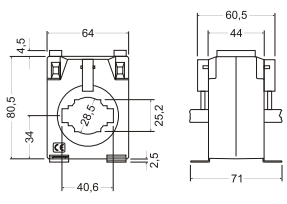
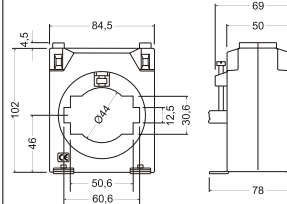

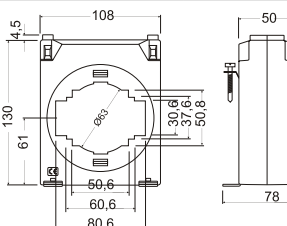
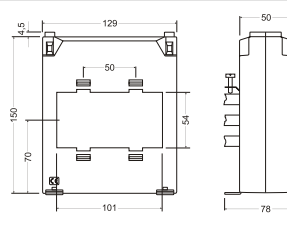
ACCESSORIES

Type	Code
Terminals cover	[*] M79951
PA-TC/WG DIN rail mounting accessory	[*] P19921

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



TCH , Current transformers narrow section and high accuracy

Type	TCH 6.2	TCH 6	TCH 8
			
Flat strip	30 x 10	40 x 10	60 x 12
V-A A	Class 0,2S 0,2 0,5S	Class 0,2S 0,2 0,5S	Class 0,2S 0,2 0,5S
	Code	Code	Code
50/5	0,5 [3] M7044B		
60/5	0,5 [3] M7044C		
100/5	1 1,5 2,5 [*] M70441		
125/5	1 1,5 2,5 [3] M70442		
150/5	2,5 3,5 3,5 [*] M70443	1 1,25 1,5 [*] M70431	
200/5	3,5 5 5 [*] M70444	1,25 1,5 2 [*] M70432	
250/5	5 5 5 [*] M70445	1,5 1,75 2,25 [*] M70433	
300/5	5 5 5 [*] M70446	1,75 2 2,5 [*] M70434	
400/5	7,5 7,5 7,5 [*] M70447	1 5 5 [*] M70435	
500/5		5 7,5 7,5 [*] M70436	
600/5		5 7,5 7,5 [*] M70437	5 10 10 [*] M70463
750/5		7,5 10 10 [*] M70438	7,5 10 10 [*] M70464
800/5		7,5 10 10 [*] M70439	7,5 10 10 [*] M70465
1 000/5			10 15 15 [*] M70466
1 200/5			10 15 15 [*] M70467
1 250/5			10 15 15 [3] M7046A
1 500/5			10 15 15 [*] M70468
1 600/5			10 15 15 [*] M70469
Type	TCH 10	TCH 12	
			
Flat strip	50 x 50 60 x 30 80 x 30	3 x 100 x 10	
V-A A	Class 0,2S 0,2 0,5S	Class 0,2S 0,2 0,5S	
	Code	Code	
800/5	7,5 10 10 [3] M70472		
1 000/5	7,5 10 10 [*] M70473		
1 200/5	10 10 10 [*] M70474	10 15 15 [3] M70482	
1 250/5	10 10 10 [3] M7047C	10 15 15 [c] M7048C	
1 500/5	10 10 15 [*] M70475	10 15 15 [*] M70483	
1 600/5	10 10 15 [*] M70476	10 15 15 [3] M70484	
2 000/5	10 10 15 [*] M70477	10 15 15 [*] M70485	
2 500/5	10 10 15 [*] M70478	15 20 20 [*] M70486	
3 000/5	10 10 15 [*] M70479	20 25 25 [*] M70487	
3 200/5		20 25 25 [3] M7048B	
4 000/5		25 30 30 [3] M70488	

For other parameter coding, see table at the end of this section - Other primary ratios consult

TP , Current transformers, split core

Type	TP-23		TP-58		TP-88							
Flat strip	20 x 30 mm		50 x 80 mm		80 x 80 mm							
	110 89 58		145 114 50		145 144 50							
	Class		Class		Class							
	0,5	1 3	Code	0,5	1 3	Code						
50/5	-	-	1,5	[*] M7011A								
75/5	-	-	1,5	[*] M70117								
100/5	-	-	1,5	[*] M70111	-	-	2	[*] M7012D				
125/5	-	-	1,5	[3] M70118								
150/5	-	-	2	[*] M70112	-	-	3	[*] M7012A				
200/5	-	1,5	2,5	[*] M70113	-	-	3	[*] M7012B				
250/5	-	2	4	[*] M70114	-	2	4	[*] M70121	1	2	4	[*] M70131
300/5	1,5	4	6	[*] M70115	1,5	3	6	[*] M70122	1,5	3	6	[*] M70132
400/5	2,5	6	10	[*] M70116	1,5	3	10	[*] M70123	1,5	3	10	[*] M70133
500/5					2,5	5	15	[*] M70124	2,5	5	15	[*] M70134
600/5					2,5	5	17,5	[*] M70125	2,5	5	17,5	[*] M70135
700/5					2,5	-	-	[3] M7012C				
750/5					3	6	18	[*] M70126	3	6	18	[*] M70136
800/5					3	7	18	[*] M70127	3	7	18	[*] M70137
1 000/5					5	10	20	[*] M70128	5	10	20	[*] M70138

Type	TP-812		TP-816					
Flat strip	80 x 120 mm		80 x 160 mm					
	185 144 50		245 184 70					
	Class		Class					
	0,5	1 3	Code	0,5	1 3	Code		
500/5	-	4	12	[*] M70141	3	-	-	[3] M7015F
600/5	-	5	14	[*] M70142	3	-	-	[3] M7015H
750/5	2,5	6	17	[*] M70143	5	-	-	[3] M70158
800/5	3	7	18	[*] M70144				
1 000/5	5	9	20	[*] M70145	10	15	20	[*] M70151
1 200/5	6	11	24	[*] M70146				
1 250/5	7	15	28	[*] M70147	8	-	-	[3] M7015A
1 500/5	8	17	30	[*] M70148	15	20	25	[*] M70152
1 600/5	8	17	30	[*] M70149	8	-	-	[3] M7015B
2 000/5					15	20	25	[*] M70153
2 500/5	10	17	25	[*] M7014A	15	20	25	[*] M70154
3 000/5					20	25	30	[*] M70155
3 200/5					20	-	-	[3] M7015C
4 000/5					20	25	30	[*] M70156
5 000/5					20	25	30	[*] M70157
6 000/5					20	-	-	[3] M7015E

ACCESSORIES

Type	Code
TET 114. TP outdoor protector	[*] M79972
TET 144. TP outdoor protector	[*] M79973

For other parameter coding, see table at the end of this section
Other primary ratios consult



STP-24, current transformers, split core, small size



Type	STP-24								
Flat strip	Ø 24 mm								
Secondary	5 A			1 A			250 mA		
	75,4 66 55								
	V-A			V-A			V-A		
A	Class	VA	Code	Class	VA	Code	Class	VA	Code
100	3	1	[c] M73323	3	1	[c] M733230010000	3	0,1	[c] M7332300G0000
150	3	1	[c] M73325	3	1	[c] M733250010000	3	0,1	[c] M7332500G0000
200	3	1	[c] M73326	3	0,5	[c] M733260010000	3	0,1	[c] M7332600G0000
250	3	1	[c] M73327	1	1	[c] M733270010000	1	0,1	[c] M7332700G0000
300	3	1	[c] M73328	1	1	[c] M733280010000	1	0,1	[c] M7332800G0000

MC1 / MC3, current transformers, MC1 single-phase, MC3 Three-phase

Type	Code	Max. A	Ranges	Class 0,5 Power	Measurement	Inner diameter (mm)
	[*] M73121	63	-	0,1 VA	3 phases	7,1 mm
	[*] M73122	125	-	0,1 VA	3 phases	14,6 mm
	[*] M73123	250	-	0,1 VA	3 phases	26 mm
	[*] M73118	150	50/100/150	0,25 VA	1 phase	20 mm
	[*] M73116	150	50/100/150	0,25 VA	1 phase	35 mm
	[*] M73113	250	150/200/250	0,25 VA	1 phase	20 mm
	[*] M73114	500	250/400/500	0,25 VA	1 phase	30 mm
	[*] M73115	1500	500/1000/1500	0,25 VA	1 phase	55 mm
	[*] M73117	2000	1000/1500/2000	0,25 VA	1 phase	80 mm

SC3, Split three-phase current transformers

	SC3-125	[c] M73602	125	-	0,1 VA	3 phases	15 mm
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The MC / SC3 transformers have a 250 mA output and are only compatible with EDMk-MC, CVM MINI-MC, CVM NET-MC, CVM-B and CVM-C units



TM45, current transformers, winding primary, DIN rail

Type	TM 45								
	Winding primary								
	85 52,5 70								
A	V-A			V-A			V-A		
	Class	Code		Class	Code		Class	Code	
	0,5	1	3						
1/5	2,5	5	7	[c] M70609					
5/5	2,5	5	7	[*] M70601					
10/5	2,5	5	7	[*] M70602					
15/5	2,5	5	7	[*] M70603					
20/5	2,5	5	7	[*] M70604					
25/5	2,5	5	7	[*] M70605					
30/5	2,5	5	7	[*] M70606					
40/5	2,5	5	7	[*] M70607					
50/5	2,5	5	7	[*] M70608					







TC-420 / TP-420 / TCM / TCB, Current transformers with 4 ... 20 mA transducer check section Digital instruments and transducers

TA 210, current transformers, winding primary

Type	TA 210				
					
internal Ø	Winding primary				
a b c		104.5	75	134	
A	V-A	Class		Code	
		0,5	1	3	
5/5		15	20	30	[*] M70541
10/5		15	20	30	[*] M70542
15/5		15	20	30	[*] M70543
20/5		15	20	30	[*] M70544
25/5		15	20	30	[*] M70545
30/5		15	20	30	[*] M70546
40/5		15	20	30	[*] M70547
50/5		15	20	30	[*] M70548
60/5		15	20	30	[*] M70549
75/5		15	20	30	[*] M7054A
80/5		15	20	30	[1] M7054K
100/5		15	20	30	[*] M7054B
125/5		15	20	30	[*] M7054C
150/5		15	20	30	[*] M7054D
200/5		15	20	30	[*] M7054E
250/5		15	20	30	[*] M7054F
300/5		15	20	30	[*] M7054G
400/5		15	20	30	[*] M7054H



Sealable terminal cover and anchorage base are included

TA, Current transformers



Type	TA 400	TA 500	TA 600				
							
Flat strip	100 x 20 mm	100 x 30 mm	125 x 60 mm				
a b c		165 95 59	185 115 63				
A	V-A	Class		Code	Class		Code
		0,5	1	3		0,5	1
300/5		5	10	15	[3] M7059A		
400/5		5	10	15	[3] M70591		
500/5		15	20	30	[3] M70592		
600/5		15	20	30	[3] M70593		
750/5		15	20	30	[*] M70594		
800/5		15	20	30	[*] M70595		15 15 [3] M705BB
1 000/5		15	20	30	[*] M70596	15 20 30 [3] M705A2	15 20 30 [*] M705B1
1 200/5		15	20	30	[*] M70597	15 20 30 [3] M705A3	15 20 30 [3] M705B2
1 500/5		15	30	40	[*] M70598	15 30 40 [*] M705A4	15 20 30 [*] M705B3
2 000/5		20	40	50	[*] M70599	20 40 50 [*] M705A6	15 20 30 [*] M705B5
2 500/5		20	40	50	[c] M7059B	20 40 50 [*] M705A7	20 30 40 [*] M705B6
3 000/5						20 45 60 [*] M705A8	30 40 60 [*] M705B7
3 200/5							30 40 60 [3] M705BA
4 000/5						35 50 70 [*] M705A9	35 50 70 [*] M705B8
5 000/5							40 60 80 [*] M705B9

Current Transformers encapsulated in resin

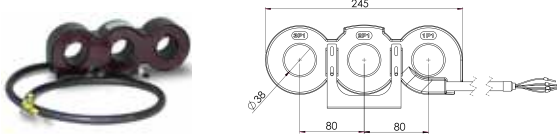
kit3-TRMC 210, Sets of 3 current transformers for energy meters

						
Type		kit 3-TRMC 210				
Flat strip		Primary winding				
Flat strip		Flat strip dimensions (Wound primary)				
		145 111 48				
A	Class 0,5S	Code	Class 0,5	Code	Class 0,5S	Code
	V·A		V·A		V·A	
100/5	10	[3] Q309010100000	10	[3] Q309610100000	2,5	[3] Q309810100000
150/5	10	[3] Q309020100000	10	[3] Q309620100000	2,5	[3] Q309820100000
200/5	10	[3] Q309030100000	10	[3] Q309630100000	2,5	[3] Q309830100000
300/5	10	[3] Q309040100000	10	[3] Q309640100000	2,5	[3] Q309840100000
400/5	10	[3] Q309050100000	10	[3] Q309650100000	2,5	[3] Q309850100000
500/5	10	[3] Q309060100000	10	[3] Q309660100000	2,5	[3] Q309860100000
600/5	10	[3] Q309070100000	10	[3] Q309670100000	2,5	[3] Q309870100000

kit3-TRMC 400, Sets of 3 current transformers for energy meters

						
Type		kit 3-TRMC 400				
Ø		100 x 20				
Flat strip		Bus bar				
		160 99 68				
A	Class 0,5S	Code	Class 0,5	Code	Class 0,5	Code
	V·A		V·A		V·A	
750/5	10	[3] Q309110100000	10	[3] Q309710100000	2,5	[3] Q309A10100000
1 000/5	10	[3] Q309120100000	10	[3] Q309720100000	2,5	[3] Q309A20100000
1 500/5	10	[3] Q309130100000	10	[3] Q309730100000	2,5	[3] Q309A30100000
2 000/5	10	[3] Q309140100000	10	[3] Q309740100000	2,5	[3] Q309A40100000
3 000/5					2,5	[3] Q309A60100000

TRMCx3, Three-phase current transformers for energy meters

							
Ø		38 mm					
		Indoor			Outdoor		
A	Class 0,5S	Type	Code	cable (m)	Type	Code	cable (m)
	V·A						
100/5	2,5	TRMCx3 100/5	[*] Q301T1	1,5	TRMCx3 100/5-ext	[c] Q301T1010E000	7
200/5	2,5	TRMCx3 200/5	[*] Q301T2	1,5	TRMCx3 200/5-ext	[c] Q301T2010E000	7
300/5	2,5	TRMCx3 300/5	[*] Q301T3	1,5	TRMCx3 300/5-ext	[c] Q301T3010E000	7
400/5	2,5	TRMCx3 400/5	[*] Q301T4	1,5	TRMCx3 400/5-ext	[c] Q301T4010E000	7

TRM, Measuring transformers encapsulated in resin

Type	TRM 30			TRM 40			TRM 60		
Ø inner	30			40			60		
A	Power V·A		Code	Weight kg	Power V·A		Code	Weight kg	
	Class				Class 0,5				Class 0,5
	0,5	1							
75/5		2	[4] P50101	1,2					
100/5		5	[4] P50102	1,1					
150/5		5	[4] P50103	1,1	5	[4] P50111	1,3		
200/5	10		[4] P50104	1,2	7,5	[4] P50112	1,3		
250/5	15		[4] P50105	1,2	10	[4] P50113	1,2	5	
300/5	20		[4] P50106	1,3	15	[4] P50114	1,3	7,5	
400/5	25		[4] P50107	1,2	20	[4] P50115	1,3	10	
500/5					25	[4] P50116	1,2	15	
600/5					30	[4] P50117	1,2	20	
800/5					35	[4] P50118	1,3	25	
1 000/5								30	
1 200/5								35	

Type	TRM 80			TRM 100				
Ø inner	80			100				
A	Power V·A		Code	Weight kg	Power V·A		Code	Weight kg
	Class 0,5				Class 0,5			
500/5	5		[4] P50131	0,9				
600/5	7,5		[4] P50132	0,9				
750/5	10		[4] P50133	0,9	15	[4] P50141	1,6	
1 000/5	15		[4] P50134	0,9	20	[4] P50142	1,7	
1 500/5	20		[4] P50135	1,0	20	[4] P50144	1,6	
2 000/5	25		[4] P50136	1,0	20	[4] P50145	1,7	
2 500/5	30		[4] P50137	1,2	20	[4] P50146	1,8	
3 000/5					25	[4] P50147	1,9	

FOR OTHER PARAMETER CODING see table at the end of this section



TRM, Measuring transformers encapsulated in resin

Type	TRM 140			TRM 180		
Ø inner	140			180		
A	Power V·A	Code	Weight kg	Power V·A	Code	Weight kg
	Class 0,5			Class 0,5		
1 000/5	15	[4] P50151	2,1	-		
1 250/5	20	[4] P50152	2,2	15	[4] P50161	1,7
1 500/5	25	[4] P50153	2,2	20	[4] P50162	1,8
2 000/5	30	[4] P50154	2,3	20	[4] P50163	1,9
2 500/5	35	[4] P50155	2,3	20	[4] P50164	2,0
3 000/5	35	[4] P50156	2,5	20	[4] P50165	2,5
4 000/5	35	[4] P50157	3,0	20	[4] P50166	3,0
5 000/5				20	[4] P50167	4,0




CODIFICATION TABLE

P	5	X	X	X	X	0	0	X	
Code	Internal code	↑	Delivery time						
Secondary	Standard (.../ 5 A)	0	-						
	... / 1A	1	3						

FOR OTHER PARAMETER CODING see table at the end of below

! For Protection current transformers SEE SECTION Protection and Control/Protection current transformers

SHP / SHB / SH, Shunts

Type		SHP		SHB		SH	
							
Accuracy		1		0,5		0,5	
A	Type	Code	Type	Code	Type	Code	
1 A / 60 mV	1			SHB-1	[3] M71221		
1,5 A / 60 mV	1,5			SHB-1,5	[3] M71222		
2,5 A / 60 mV	2,5			SHB-2,5	[3] M71223		
4 A / 60 mV	4			SHB-4	[3] M71224		
5 A / 60 mV	5			SHB-5	[3] M71225		
6 A / 60 mV	6			SHB-6	[3] M71226		
10 A / 60 mV	10			SHB-10	[*] M71227		
15 A / 60 mV	15			SHB-15	[*] M71228		
25 A / 60 mV	25			SHB-25	[*] M71229		
30 A / 60 mV	30	SHP-30	[3] M71211	SHB-30	[*] M7122A	SH-30	[*] M71231
40 A / 60 mV	40	SHP-40	[3] M71212	SHB-40	[*] M7122B	SH-40	[2] M71232
50 A / 60 mV	50	SHP-50	[3] M71213	SHB-50	[*] M7122C	SH-50	[*] M71233
60 A / 60 mV	60	SHP-60	[3] M71214	SHB-60	[*] M7122D	SH-60	[*] M71234
75 A / 60 mV	75	SHP-75	[3] M71215				
80 A / 60 mV	80			SHB-80	[*] M7122E	SH-80	[*] M71235
100 A / 60 mV	100	SHP-100	[3] M71216	SHB-100	[*] M7122F	SH-100	[*] M71236
150 A / 60 mV	150	SHP-150	[3] M71217			SH-150	[*] M71237
200 A / 60 mV	200	SHP-200	[3] M71218	SHB-200	[2] M7122N	SH-200	[*] M71238
250 A / 60 mV	250					SH-250	[*] M71239
300 A / 60 mV	300					SH-300	[*] M7123A
400 A / 60 mV	400					SH-400	[*] M7123B
500 A / 60 mV	500					SH-500	[*] M7123C
600 A / 60 mV	600					SH-600	[*] M7123D
750 A / 60 mV	750					SH-750	[2] M7123E
800 A / 60 mV	800					SH-800	[2] M7123F
1 000 A / 60 mV	1 000					SH-1000	[*] M7123G
1 200 A / 60 mV	1 200					SH-1200	[3] M7123H
1 500 A / 60 mV	1 500					SH-1500	[*] M7123J
2 000 A / 60 mV	2 000					SH-2000	[3] M7123K
2 500 A / 60 mV	2 500					SH-2500	[3] M7123L
3 000 A / 60 mV	3 000					SH-3000	[3] M7123M
4 000 A / 60 mV	4 000					SH-4000	[3] M7123N
5 000 A / 60 mV	5 000					SH-5000	[3] M7123P
6 000 A / 60 mV	6 000					SH-6000	[3] M7123Q
7 500 A / 60 mV	7 500					SH-7500	[3] M7123R
8 000 A / 60 mV	8 000					SH-8000	[c] M7123S
10 000 A / 60 mV	10 000					SH-10000	[c] M7123T
12 500 A / 60 mV	12 500					SH-12500	[c] M7123U
15 000 A / 60 mV	15 000					SH-15000	[c] M7123V
18 000 A / 60 mV	18 000					SH-18000	[c] M7123Z
20 000 A / 60 mV	20 000					SH-20000	[c] M7123O

Insulating base for SHB types (up to 100 A)

 All shunts are supplied with cables of 1,5 m length and 1,5 m² section

FOR OTHER PARAMETER CODING see table at the end of below



VT, Measurement voltage transformers

Measurement voltage transformers, VT series, Class 1, 25 V·A, Class 0,5, 10 V·A



Type	Relation	Code
VT2311	230 / 110 V	[3] M72311
VT3823	380 / 230 V	[3] M72352
VT4011	400 / 110 V	[3] M72321
VT4023	400 / 230 V	[3] M72322
VT4411	440 / 110 V	[3] M72331
VT4423	440 / 230 V	[3] M72332
VT4811	480 / 110 V	[3] M72341
VT4823	480 / 230 V	[3] M72342
VT7011	700 / 110 V	[3] M72381
VT7023	700 / 230 V	[3] M72382

Accessories for transformers

TSR, Current adding transformers fixed on a DIN rail



Type	Code	Nº Inputs	Power and class
TSR-2	[*] M70701	2 x 5 A	15 VA, Class 0,5 / 30 VA class 1
TSR-3	[*] M70702	3 x 5 A	15 VA, Class 0,5 / 30 VA class 1
TSR-4	[*] M70703	4 x 5 A	15 VA, Class 0,5 / 30 VA class 1
TSR-5	[*] M70704	5 x 5 A	15 VA, Class 0,5 / 30 VA class 1

TE, Impendace elevator transformer

Type	Code	Current relation	Power and class
TE-5/0,1	[*] M70911	5 / 0,1 A	15 V·A, Class 1

The transformers added must have the same ratio
Others ratios, consult

CODIFICATION TABLE

TC, TP, TA, TCH, TM45, TSR

Code	Internal code	Delivery time	
M 7 X X X X 0 0 X X			
Secondary	Standard (.../ 5 A)	0	-
	.../ 1 A(*)	1	1
Certificate	-	0	-
	Individual (**)	1	1

(*) Not available in TC4 type

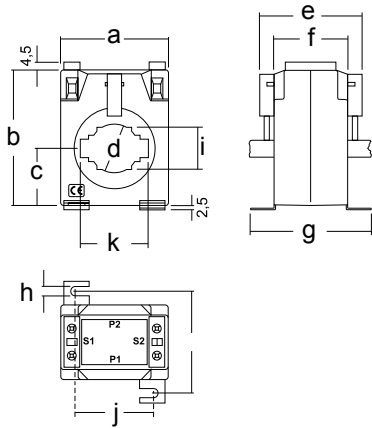
(**) A certificate is attached for every transformer

TRM

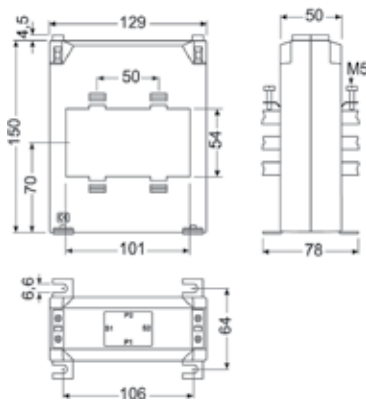
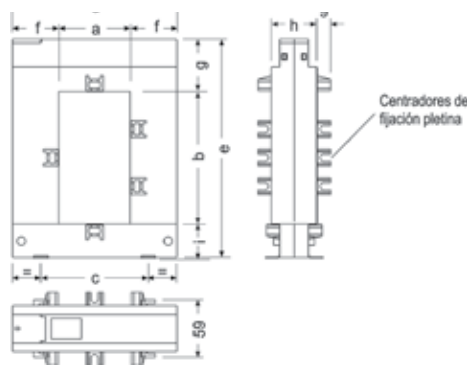
Code	Internal code	Delivery time	
P 5 X X X X 0 0 X			
Secundario	Estándar (.../ 5 A)	0	-
	... / 1A	1	3

SH, SHB

Code	Internal code	Delivery time	
M 7 X X X X 0 0 X			
Input	Standard .../60 mV	0	-
	.../50 mV	1	2
	.../75 mV	7	consult
	.../100 mV	2	2
	.../150 mV	3	2
	.../200 mV	4	2
	.../250 mV	8	consult
	.../300 mV	5	consult
	.../400 mV	9	consult
	.../600 mV	6	consult

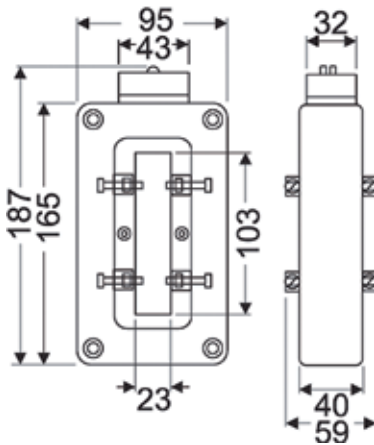
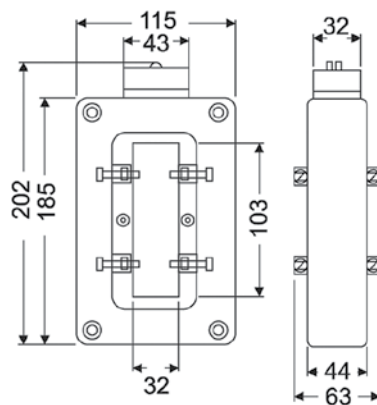
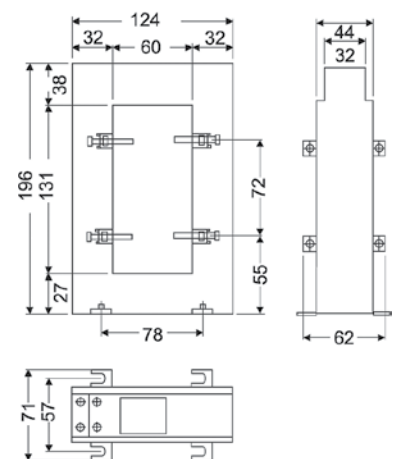
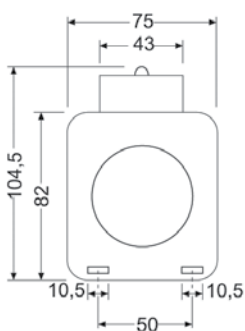
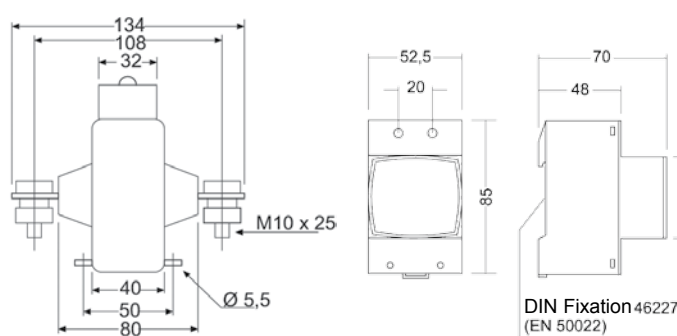
Dimensions
TC / TCH


Dimensions (mm)	TC 4	TC 5 TCH 5	TC 5.2 TCH 5.2	TC 6.2 TCH 6.2	TC 6 TCH 6	TC 8 TCH 8	TC 10 TCH 10
a	50	58	58	64	64	84,5	108
b	70	70	70	80,5	80,5	102	130
c	29	29	29	34	34	46	61
d	21	20,3	22	26	28,5	44	63
e	43,5	45	45	60,5	66,5	69	---
f	30	32	32	44	44	50	50
g	56	59	59	71	71,2	78	78
h	5,5	5,6	5,6	5,6	5,6	6,6	6,6
i	45,5	48	48	60	60	64	64
j	31,6	39	39	46	46	62	86
k	30,5	25,6	30,6	20,6	40,6	60,6	80,6
l	30,5	15,6	15,6	30,6	25,2	30,6	50,8

TC 12

TP


Dimensions (mm)	TP-23	TP-58	TP-88	TP-812	TP-816
a	20	50	80	80	80
b	30	80	80	120	160
c	51	78	108	108	120
d	89	114	144	144	184
e	110	145	145	185	245
f	34	32	32	32	52
g	47	32	32	32	47
h	40	32	32	32	52
i	32	32	32	32	38

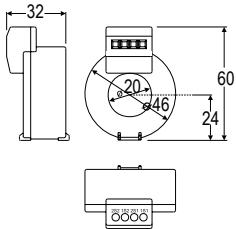
Note: All types have fixing centering units, except for TP-23

TA 400

TA 500

TA 600

TA 210

TM 45


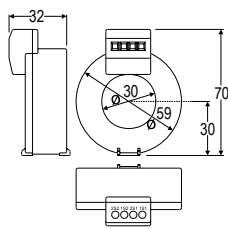


MC1

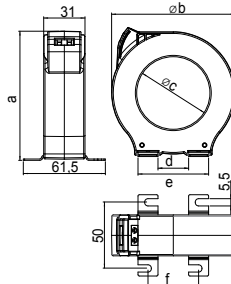
MC1-20



MC1 - 30



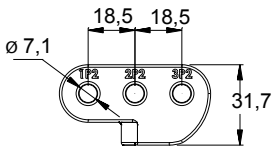
MC1 - 35 / MC1 - 55 / MC1-80



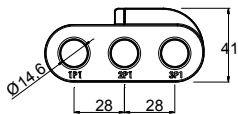
mm	MC1 -35	MC1 -55	MC1 -80
a	75,5	98	130
b	70,5	92	124,5
c	35	55	80
d		23	45
e		53	75
f		38	60

MC3

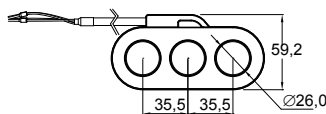
MC3-63



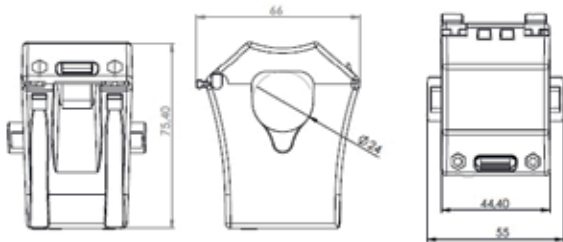
MC3 -125



MC3-250



STP-24



TRMCx3

