

current transformer TR-series



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current transformer (cable \varnothing 15 | 20mm)..... 6

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current transformer on request:

- double ratio current transformers
- protection current transformer
- hall-effect-current transformer

special versions:

- higher accuracy classes: 0.2s | 0.2 | 0.5s
- tropical version
- operating voltage 1.2kV
- resin encapsulated current transformers

APPLICATION

Current transformers make it possible to convert high mains currents to standardized measuring currents. In order to save high costs when connecting and laying busbars, we recommend the use of current transformers from 40A.

RATED THERMAL SHORT-TERM CURRENT (I_{th})

It is the highest primary current (rms value) that the current-transformer can support for 1 second, without damage, owing to electromagnetic efforts with secondary short circuited.

RATED DYNAMIC CURRENT (I_{dyn})

Is the highest primary current (peak value) that the current-transformer can support for 1 second, without damage, owing to electromagnetic efforts with secondary short circuited.

HIGHEST PERMITTED OPERATING VOLTAGE

Is the maximum voltage (effective value) that the current transformer can handle.

TEST VOLTAGE

Is the voltage for testing the insulation at 50Hz that the current transformer can withstand between the primary and secondary winding for one minute.

OVERCURRENT LIMITING FACTOR (FS) – SAFETY FACTOR (n)

It is the ratio between the primary current value that causes the magnetic core saturation and the primary nominal current value. The lower is the "n" value, better the instrument is protected

CONSUMPTION OF CU CABLE BETWEEN INSTRUMENT AND CURRENT TRANSFORMER

for secondary rated current 5A

Leiternennquerschnitt mm ²	P = Verbrauch in VA (2 - adrige Leitung)					
	1 m	2 m	4 m	6 m	8 m	10 m
1,5	0,58	1,15	2,31	3,46	4,62	5,77
2,5	0,36	0,71	1,43	2,14	2,86	3,57
4	0,22	0,45	0,89	1,34	1,79	2,24
6	0,15	0,30	0,60	0,89	1,19	1,49
10	0,09	0,18	0,36	0,54	0,71	0,89

for secondary rated current 1A

Leiternennquerschnitt mm ²	P = Verbrauch in VA (2 - adrige Leitung)					
	10 m	20 m	40 m	60 m	80 m	100 m
1	0,36	0,71	1,43	2,14	2,85	3,57
1,5	0,23	0,46	0,92	1,39	1,85	2,31
2,5	0,14	0,29	0,57	0,86	1,14	1,43
4	0,09	0,18	0,36	0,54	0,71	0,89
6	0,06	0,12	0,24	0,36	0,48	0,60
10	0,04	0,07	0,14	0,21	0,29	0,36

CURRENT CAPACITY OF COPPER RAILS IN AMPERE (according DIN 43670 | 43671)

Abmessungen mm	Nennstrom In		
20x5	325	560	
20x10	427	925	1180
30x5	379	672	896
30x10	573	1060	1480
40x5	482	836	1090
40x10	715	1290	1770
50x10	852	1510	2040
60x10	985	1720	2300
80x10	1240	2110	2790
100x10	1490	2480	3260

ACCURACY CLASSES

Class 0.5 for precise measurements and calibrated kWh meters

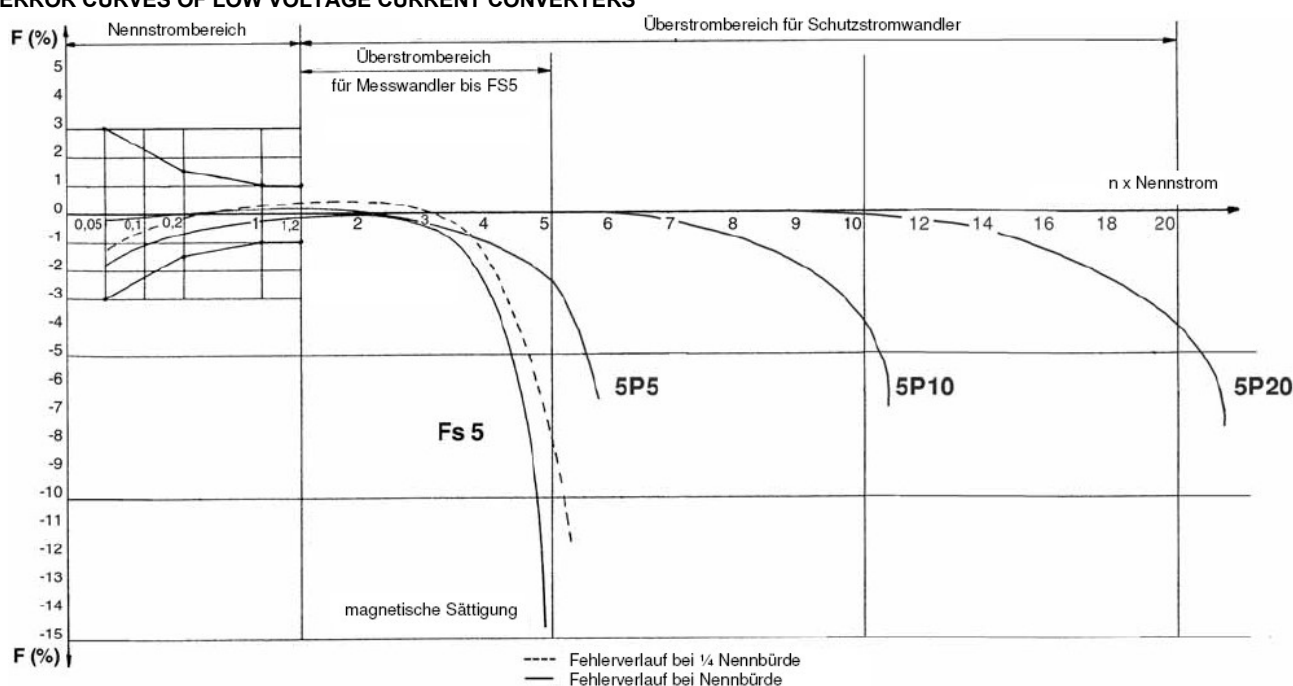
Class 1.0 is for general measurements and uncalibrated meters

Class 3.0 is for gross measurements, relays, and protection

The current and angle errors correspond to the standards IEC185, VDE-0414 and UNE 21028 standard and are as follows:

Klasse	Stromfehler in %				Klasse	Fehlwinkel in %			
	0,05 In	0,2 In	In	1,2 In		0,05 In	0,2 In	In	1,2 In
0,5	± 1	± 0,75	± 0,5	± 0,5	0,5	± 1,8	± 1,35	± 0,9	± 0,9
1	± 2	± 1,5	± 1	± 1	1	± 3,6	± 2,7	± 1,8	± 1,8
3	von 0,5 In bis 1,2 In = +/- 3				3	keine Angaben			

ERROR CURVES OF LOW VOLTAGE CURRENT CONVERTERS



general technical properties

Case in ABS-V0 resin	
Secondary current	: Standard 5A (andere Sekundärströme auf Anfrage)
Maximum service voltage insulation	: 0,72kV (on request 1,2kV)
Test voltage	: 3kV at 50Hz for 1 minute (6kV on request)
Nominal thermic short circuit current (I _{th})	: 40 In for 1 sec.
Nominal dynamic short circuit current (I _{dyn})	: 2,5 I _{th} for 1 sec.
Permanent overloading	: 120% I _{th}
safety factor (FS)	: from <2 to <15 following the types and range
nominal function frequency	: 50 / 60Hz
construction according to the standards for current-transformers:	EN60044-1, voltage transformers to standard IEC60186
insulation in air:	: class E (IEC 185)
terminals	: primary P1 – P2 (K – L) secondary: s1 – s2 (k – l) P1 (K) primary winding input P2 (L) primary winding output s1 (k) secondary winding input s2 (l) secondary winding output
protection degree	: IP30
environmental conditions	: room temperature : -20°C bis +40°C rail temperature: max. +70°C storage temperature: -40°C bis + 80°C relative humidity: 80%

specials designs

secondary current 1A	tropicalisation	other ratios and /or performances
Transformers with class 0,2, 0,2S, 0,5S	internal or calibrated certificate	UTF-certificate

How the diameter of a cable is calculated:

In order to calculate the diameter of a A= 95mm² it is necessary to refer to the following formule:

$A = r \times r \times 3,14 = r^2 \times 3,14$ that is $r = \sqrt{A : 3,14}$, $r = \sqrt{95:3,14} = \sqrt{30,25} = r = 5,5\text{mm}$. and therefore the radius is = 5,5mm.

diameter d = r+r = 5,5 + 5,5 = 11mm. diameter of the only leg to which is added the diameter of the insulating material, total diameter is about 20mm.

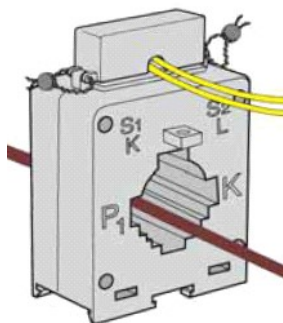
saving costs

By looping the cable through the current transformers, the primary current is halved, without effecting the performance or class.

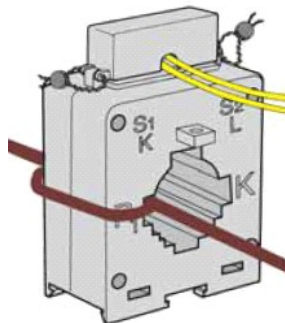
EXAMPLE:

primary current	number of loops	becomes primary current
50A	1	50
	2	25
	5	10
	10	5
200A	1	200
	2	100
	4	50
	8	25

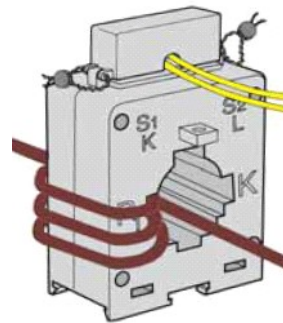
loop = 1x



loop = 2x



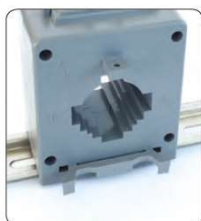
loop = 4x



mounting systems – TR-serial



DIN-rail

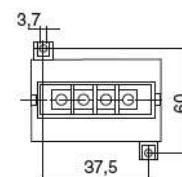
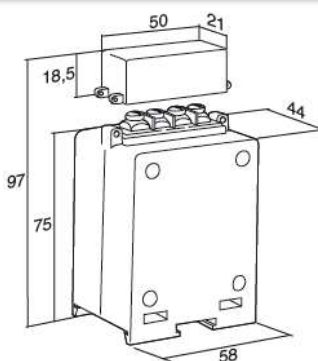


by feet



rail or cable

TR P1E



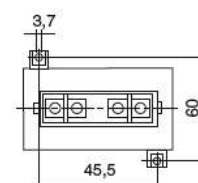
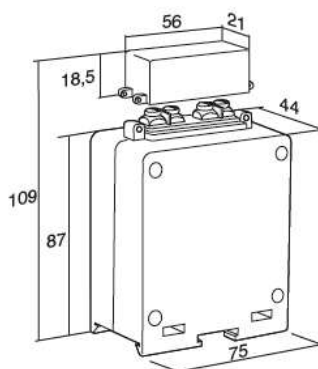
Primary current	Class	Power	Secondary current	Secondary current	Weight
A		VA	5A	1A	Kg
1	1	3	TRP1E-001A5-1-3VA	TRP1E-001A1-1-3VA	0,40
5	1	3	TRP1E-005A5-1-3VA	TRP1E-005A1-1-3VA	0,40
10	1	3	TRP1E-010A5-1-3VA	TRP1E-010A1-1-3VA	0,40
15	1	3	TRP1E-015A5-1-3VA	TRP1E-015A1-1-3VA	0,40
20	1	3	TRP1E-020A5-1-3VA	TRP1E-020A1-1-3VA	0,40
25	1	3	TRP1E-025A5-1-3VA	TRP1E-025A1-1-3VA	0,40
30	1	3	TRP1E-030A5-1-3VA	TRP1E-030A1-1-3VA	0,40
40	1	3	TRP1E-040A5-1-3VA	TRP1E-040A1-1-3VA	0,40

With wound primary
1 to 40A

including
accessories



TR P1

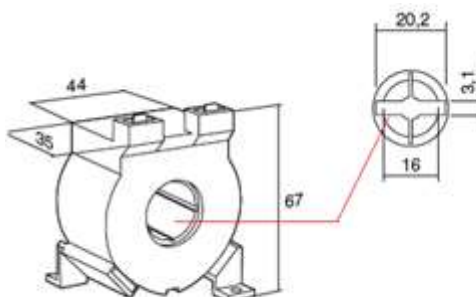


Primary current	Class	Power	Secondary current	Secondary current	Weight
A		VA	5A	1A	Kg
1	0.5	6	TRP1-001A50.5-6VA	TRP1-001A1-0.5-6VA	0,40
5	0.5	6	TRP1-005A50.5-6VA	TRP1-005A1-0.5-6VA	0,40
10	0.5	6	TRP1-010A50.5-6VA	TRP1-010A1-0.5-6VA	0,40
15	0.5	6	TRP1-015A50.5-6VA	TRP1-015A1-0.5-6VA	0,40
20	0.5	6	TRP1-020A50.5-6VA	TRP1-020A1-0.5-6VA	0,40
25	0.5	6	TRP1-025A50.5-6VA	TRP1-025A1-0.5-6VA	0,40
30	0.5	6	TRP1-030A50.5-6VA	TRP1-030A1-0.5-6VA	0,40
40	0.5	6	TRP1-040A50.5-6VA	TRP1-040A1-0.5-6VA	0,40

With wound primary
1 to 40A

including
accessories:

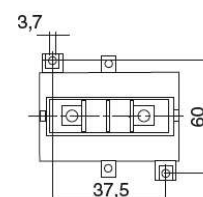
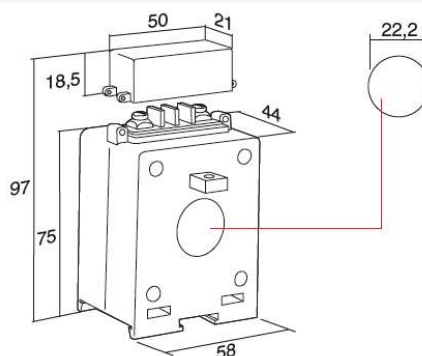




Primary current	Class	Power	Secondary current	Secondary current	Weight
A		VA	5A	1A	Kg
40	3	2	TRO-040A5-3-2VA	TRO-040A1-3-2VA	0,25
50	3	2	TRO-050A5-3-2VA	TRO-050A1-3-2VA	0,25
60	3	3	TRO-060A5-3-3VA	TRO-060A1-3-3VA	0,25
75	3	3	TRO-075A5-3-3VA	TRO-075A1-3-3VA	0,25
80	3	3	TRO-080A5-3-3VA	TRO-080A1-3-3VA	0,25
100	1	3	TRO-100A5-1-3VA	TRO-100A1-1-3VA	0,25
120	1	3	TRO-120A5-1-3VA	TRO-120A1-1-3VA	0,25
125	0.5	3	TRO-125A5-0.5-3VA	TRO-125A1-0.5-3VA	0,25
150	0.5	3	TRO-150A5-0.5-3VA	TRO-150A1-0.5-3VA	0,25
200	0.5	3	TRO-200A5-0.5-3VA	TRO-200A1-0.5-3VA	0,25
250	0.5	5	TRO-250A5-0.5-5VA	TRO-250A1-0.5-5VA	0,25

plug-in current transformer
40 to 250A
cable Ø15
rail 20x3

including accessories:

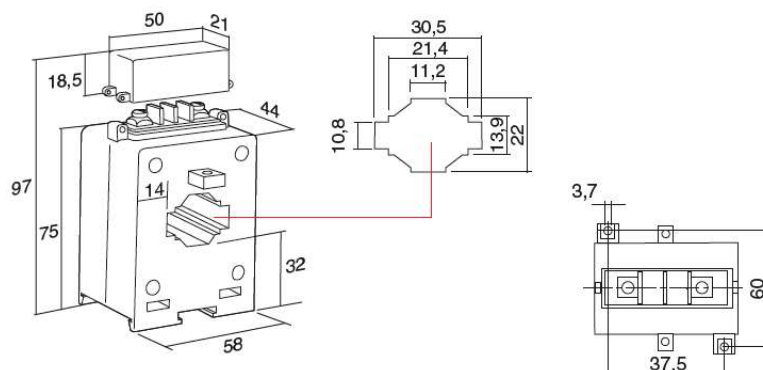


Primary current	Class	Power	Secondary current	Secondary current	Weight
A		VA	5A	1A	Kg
40	3	2	TR1-040A5-3-2VA	TR1-040A1-3-2VA	0,30
50	3	2	TR1-050A5-3-2VA	TR1-050A1-3-2VA	0,30
60	3	3	TR1-060A5-3-3VA	TR1-060A1-3-3VA	0,30
75	3	3	TR1-075A5-3-3VA	TR1-075A1-3-3VA	0,30
80	3	3	TR1-080A5-3-3VA	TR1-080A1-3-3VA	0,30
100	1	3	TR1-100A5-1-3VA	TR1-100A1-1-3VA	0,30
120	1	3	TR1-120A5-1-3VA	TR1-120A1-1-3VA	0,30
125	0.5	2	TR1-125A5-0.5-2VA	TR1-125A1-0.5-2VA	0,30
150	0.5	3	TR1-150A5-0.5-3VA	TR1-150A1-0.5-3VA	0,30
200	0.5	3	TR1-200A5-0.5-3VA	TR1-200A1-0.5-3VA	0,30
250	0.5	5	TR1-250A5-0.5-5VA	TR1-250A1-0.5-5VA	0,30

rod current-transformer
40 to 250A
cable Ø20

including accessories:

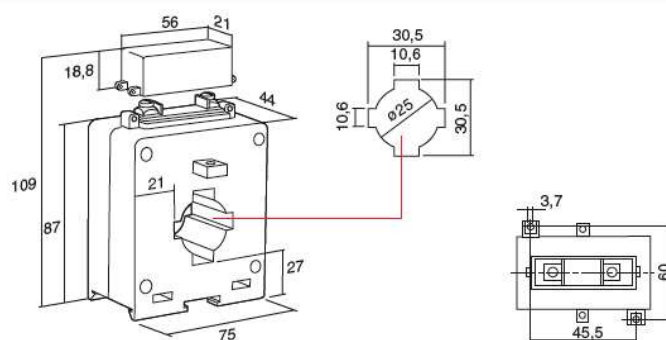




Primary current	Class	Power	Secondary current	Secondary current	Weight
A		VA	5A	1A	Kg
40	3	1	TR3-040A5-3-1VA	TR3-040A1-3-1VA	0,30
50	3	1,5	TR3-050A5-3-1.5VA	TR3-050A1-3-1.5VA	0,30
60	3	2	TR3-060A5-3-2VA	TR3-060A1-3-2VA	0,30
75	3	2	TR3-075A5-3-2VA	TR3-075A1-3-2VA	0,30
80	3	2	TR3-080A5-3-2VA	TR3-080A1-3-2VA	0,30
100	1	2,5	TR3-100A5-1-2.5VA	TR3-100A1-1-2.5VA	0,30
120	1	2,5	TR3-120A5-1-2.5VA	TR3-120A1-1-2.5VA	0,30
125	1	3	TR3-125A5-1-3VA	TR3-125A1-1-3VA	0,30
150	0.5	2	TR3-150A5-0.5-2VA	TR3-150A1-0.5-2VA	0,30
200	0.5	3	TR3-200A5-0.5-3VA	TR3-200A1-0.5-3VA	0,30
250	0.5	4	TR3-250A5-0.5-4VA	TR3-250A1-0.5-4VA	0,30
300	0.5	5	TR3-300A5-0.5-5VA	TR3-300A1-0.5-5VA	0,30
400	0.5	6	TR3-400A5-0.5-6VA	TR3-400A1-0.5-6VA	0,30
500	0.5	6	TR3-500A5-0.5-6VA	TR3-500A1-0.5-6VA	0,30
600	0.5	6	TR3-600A5-0.5-6VA	TR3-600A1-0.5-6VA	0,30

plug-in current transformer
40 to 600A
cable Ø21
rail 30x10

including
accessories:

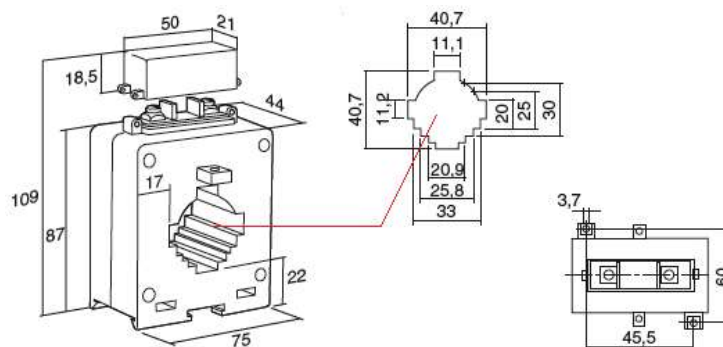


Primary current	Class	Power	Secondary current	Secondary current	Weight
A		VA	5A	1A	Kg
100	0.5	2,5	TR43-100A5-0.5-2.5VA	TR43-100A1-0.5-2.5VA	0,70
120	0.5	3	TR43-120A5-0.5-3VA	TR43-120A1-0.5-3VA	0,70
125	0.5	3	TR43-125A5-0.5-3VA	TR43-125A1-0.5-3VA	0,70
150	0.5	5	TR43-150A5-0.5-5VA	TR43-150A1-0.5-5VA	0,70
200	0.5	6	TR43-200A5-0.5-6VA	TR43-200A1-0.5-6VA	0,70
250	0.5	10	TR43-250A5-0.5-10VA	TR43-250A1-0.5-10VA	0,70
300	0.5	10	TR43-300A5-0.5-10VA	TR43-300A1-0.5-10VA	0,70
400	0.5	10	TR43-400A5-0.5-10VA	TR43-400A1-0.5-10VA	0,70
500	0.5	10	TR43-500A5-0.5-10VA	TR43-500A1-0.5-10VA	0,70
600	0.5	10	TR43-600A5-0.5-10VA	TR43-600A1-0.5-10VA	0,70

plug-in current-transformer
100 to 600A
cable Ø25
rail 30x10

including
accessories:

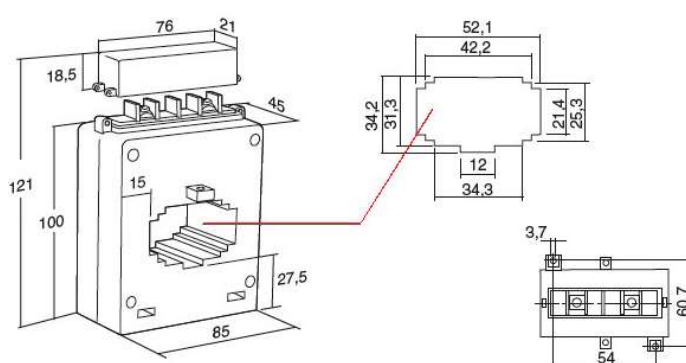




Primary current	Class	Power	Secondary current	Secondary current	Weight
A		VA	5A	1A	Kg
100	1	3	TR4-100A5-1-3VA	TR4-100A1-1-3VA	0,50
120	1	3	TR4-120A5-1-3VA	TR4-120A1-1-3VA	0,50
125	1	3	TR4-125A5-1-3VA	TR4-125A1-1-3VA	0,50
150	1	3	TR4-150A5-1-3VA	TR4-150A1-1-3VA	0,50
200	1	4	TR4-200A5-1-4VA	TR4-200A1-1-4VA	0,50
250	1	6	TR4-250A5-1-6VA	TR4-250A1-1-6VA	0,50
300	0.5	6	TR4-300A5-0.5-6VA	TR4-300A1-0.5-6VA	0,50
400	0.5	10	TR4-400A5-0.5-10VA	TR4-400A1-0.5-10VA	0,50
500	0.5	10	TR4-500A5-0.5-10VA	TR4-500A1-0.5-10VA	0,50
600	0.5	10	TR4-600A5-0.5-10VA	TR4-600A1-0.5-10VA	0,50
750	0.5	10	TR4-750A5-0.5-10VA	TR4-750A1-0.5-10VA	0,50
800	0.5	10	TR4-800A5-0.5-10VA	TR4-800A1-0.5-10VA	0,50
1000	0.5	10	TR4-1K0A5-0.5-10VA	TR4-1K0A1-0.5-10VA	0,50

plug-in current transformer
100 to 1000A
cable Ø32
rail 40x10

including accessories:



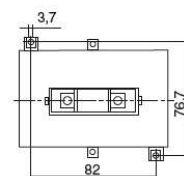
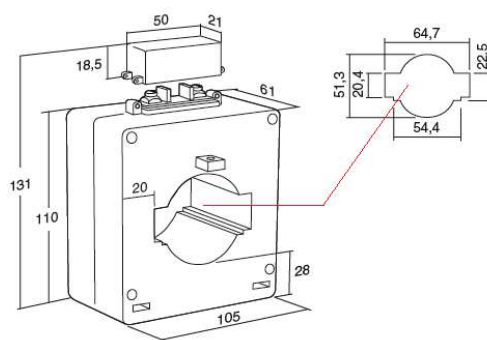
plug-in current transformer
100 to 2000A
cable Ø30
rail 50x20

including accessories:



Primary current	Class	Power	Secondary current	Secondary current	Weight
A		VA	5A	1A	Kg
100	1	3	TR5-100A5-1-3VA	TR5-100A1-1-3VA	0,50
120	1	3	TR5-120A5-1-3VA	TR5-120A1-1-3VA	0,50
125	1	3	TR5-125A5-1-3VA	TR5-125A1-1-3VA	0,50
150	1	3	TR5-150A5-1-3VA	TR5-150A1-1-3VA	0,50
200	1	4	TR5-200A5-1-4VA	TR5-200A1-1-4VA	0,50
250	0.5	3	TR5-250A5-0.5-3VA	TR5-250A1-0.5-3VA	0,50
300	0.5	4	TR5-300A5-0.5-4VA	TR5-300A1-0.5-4VA	0,50
400	0.5	6	TR5-400A5-0.5-6VA	TR5-400A1-0.5-6VA	0,50
500	0.5	10	TR5-500A5-0.5-10VA	TR5-500A1-0.5-10VA	0,50

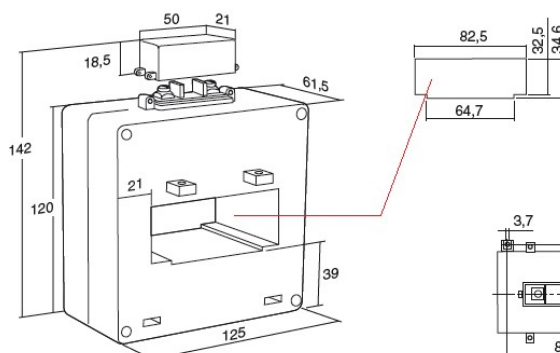
Primary current	Class	Power	Secondary current	Secondary current	Weight
A		VA	5A	1A	Kg
600	0.5	10	TR5-600A5-0.5-10VA	TR5-600A1-0.5-10VA	0,50
750	0.5	10	TR5-750A5-0.5-10VA	TR5-750A1-0.5-10VA	0,50
800	0.5	10	TR5-800A5-0.5-10VA	TR5-800A1-0.5-10VA	0,50
1000	0.5	10	TR5-1K0A5-0.5-10VA	TR5-1K0A1-0.5-10VA	0,50
1200	0.5	10	TR5-1K2A5-0.5-10VA	TR5-1K2A1-0.5-10VA	0,50
1250	0.5	10	TR5-1K25A5-0.5-10VA	TR5-1K25A1-0.5-10VA	0,50
1500	0.5	20	TR5-1K5A5-0.5-20VA	TR5-1K5A1-0.5-20VA	0,50
1600	0.5	20	TR5-1K6A5-0.5-20VA	TR5-1K6A1-0.5-20VA	0,50
2000	0.5	20	TR5-2K0A5-0.5-20VA	TR5-2K0A1-0.5-20VA	0,50



Primary current	Class	Power	Secondary current	Secondary current	Weight
A		VA	5A	1A	Kg
200	0.5	3	TR6-200A5-0.5-3VA	TR6-200A1-0.5-3VA	1,00
250	0.5	5	TR6-250A5-0.5-5VA	TR6-250A1-0.5-5VA	1,00
300	0.5	5	TR6-300A5-0.5-5VA	TR6-300A1-0.5-5VA	1,00
400	0.5	6	TR6-400A5-0.5-6VA	TR6-400A1-0.5-6VA	1,00
500	0.5	6	TR6-500A5-0.5-6VA	TR6-500A1-0.5-6VA	1,00
600	0.5	10	TR6-600A5-0.5-10VA	TR6-600A1-0.5-10VA	0,70
750	0.5	10	TR6-750A5-0.5-10VA	TR6-750A1-0.5-10VA	0,70
800	0.5	10	TR6-800A5-0.5-10VA	TR6-800A1-0.5-10VA	0,70
1000	0.5	10	TR6-1K0A5-0.5-10VA	TR6-1K0A1-0.5-10VA	0,70
1200	0.5	15	TR6-1K2A5-0.5-15VA	TR6-1K2A1-0.5-15VA	0,70
1250	0.5	15	TR6-1K25A5-0.5-15VA	TR6-1K25A1-0.5-15VA	0,70
1500	0.5	20	TR6-1K5A5-0.5-20VA	TR6-1K5A1-0.5-20VA	0,80
1600	0.5	20	TR6-1K6A5-0.5-20VA	TR6-1K6A1-0.5-20VA	0,80
2000	0.5	20	TR6-2K0A5-0.5-20VA	TR6-2K0A1-0.5-20VA	0,80
2500	0.5	20	TR6-2K5A5-0.5-20VA	TR6-2K5A1-0.5-20VA	1,00

plug-in current transformer
400 to 2500A
cable Ø50
rail 60x20

including accessories:



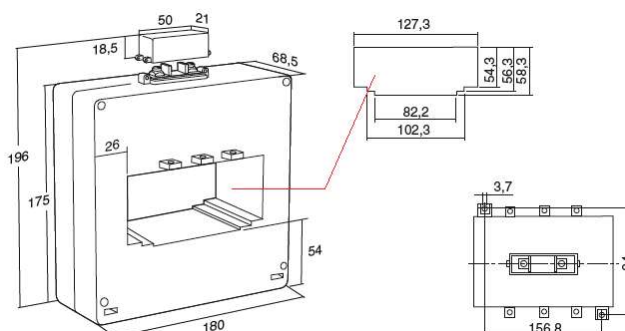
plug-in current transformer
300 to 3200A
cable 2x Ø30
rail 80x30

including accessories:



Primary current	Class	Power	Secondary current	Secondary current	Weight
A		VA	5A	1A	Kg
300	0.5	5	TR8-300A5-0.5-5VA	TR8-300A1-0.5-5VA	0,80
400	0.5	6	TR8-400A5-0.5-6VA	TR8-400A1-0.5-6VA	0,80
500	0.5	10	TR8-500A5-0.5-10VA	TR8-500A1-0.5-10VA	1,00
600	0.5	10	TR8-600A5-0.5-10VA	TR8-600A1-0.5-10VA	1,00
750	0.5	10	TR8-750A5-0.5-10VA	TR8-750A1-0.5-10VA	1,00
800	0.5	10	TR8-800A5-0.5-10VA	TR8-800A1-0.5-10VA	1,00
1000	0.5	10	TR8-1K0A5-0.5-10VA	TR8-1K0A1-0.5-10VA	0,70
1200	0.5	15	TR8-1K2A5-0.5-15VA	TR8-1K2A1-0.5-15VA	0,70

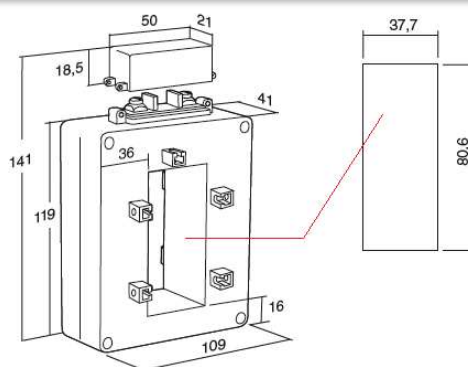
Primary current	Class	Power	Secondary current	Secondary current	Weight
A		VA	5A	1A	Kg
1250	0.5	15	TR8-1K25A5-0.5-15VA	TR8-1K25A1-0.5-15VA	0,70
1500	0.5	20	TR8-1K5A5-0.5-20VA	TR8-1K5A1-0.5-20VA	1,00
1600	0.5	20	TR8-1K6A5-0.5-20VA	TR8-1K6A1-0.5-20VA	1,00
2000	0.5	20	TR8-2K0A5-0.5-20VA	TR8-2K0A1-0.5-20VA	1,00
2500	0.5	20	TR8-2K5A5-0.5-20VA	TR8-2K5A1-0.5-20VA	1,00
3000	0.5	20	TR8-3K0A5-0.5-20VA	TR8-3K0A1-0.5-20VA	1,50
3200	0.5	20	TR8-3K2A5-0.5-20VA	TR8-3K2A1-0.5-20VA	1,50



Primary current	Class	Power	Secondary current	Secondary current	Weight
A		VA	5A	1A	Kg
500	0.5	10	TR12-500A5-0.5-10VA	TR12-500A1-0.5-10VA	1,50
600	0.5	10	TR12-600A5-0.5-10VA	TR12-600A1-0.5-10VA	1,50
750	0.5	10	TR12-750A5-0.5-10VA	TR12-750A1-0.5-10VA	1,50
800	0.5	15	TR12-800A5-0.5-15VA	TR12-800A1-0.5-15VA	1,50
1000	0.5	20	TR12-1K0A5-0.5-20VA	TR12-1K0A1-0.5-20VA	1,50
1200	0.5	20	TR12-1K2A5-0.5-20VA	TR12-1K2A1-0.5-20VA	1,50
1250	0.5	20	TR12-1K25A5-0.5-20VA	TR12-1K25A1-0.5-20VA	1,50
1500	0.5	20	TR12-1K5A5-0.5-20VA	TR12-1K5A1-0.5-20VA	1,50
1600	0.5	20	TR12-1K6A5-0.5-20VA	TR12-1K6A1-0.5-20VA	1,50
2000	0.5	30	TR12-2K0A5-0.5-30VA	TR12-2K0A1-0.5-30VA	1,60
2500	0.5	40	TR12-2K5A5-0.5-40VA	TR12-2K5A1-0.5-40VA	1,60
3000	0.5	40	TR12-3K0A5-0.5-40VA	TR12-3K0A1-0.5-40VA	1,60
3200	0.5	40	TR12-3K2A5-0.5-40VA	TR12-3K2A1-0.5-40VA	1,60
3500	0.5	40	TR12-3K5A5-0.5-40VA	TR12-3K5A1-0.5-40VA	1,60
4000	0.5	50	TR12-4K0A5-0.5-50VA	TR12-4K0A1-0.5-50VA	2,00

plug-in current transformer
500 to 4000A
cable 2x Ø50
rail 125x50

including accessories:

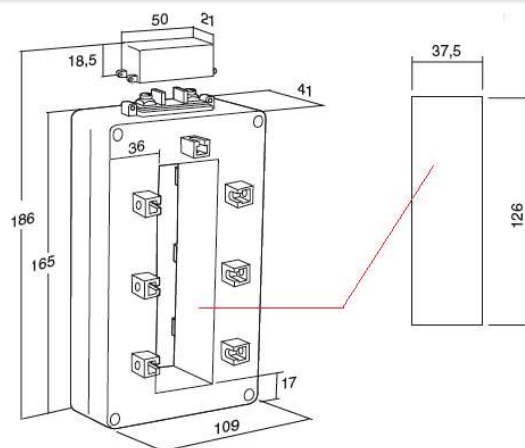


Primary current	Class	Power	Secondary current	Secondary current	Weight
A		VA	5A	1A	Kg
400	0.5	6	TR8V-400A5-0.5-6VA	TR8V-400A1-0.5-6VA	0,70
500	0.5	10	TR8V-500A5-0.5-10VA	TR8V-500A1-0.5-10VA	0,70
600	0.5	10	TR8V-600A5-0.5-10VA	TR8V-600A1-0.5-10VA	0,70
750	0.5	10	TR8V-750A5-0.5-10VA	TR8V-750A1-0.5-10VA	0,70
800	0.5	10	TR8V-800A5-0.5-10VA	TR8V-800A1-0.5-10VA	0,70
1000	0.5	10	TR8V-1K0A5-0.5-10VA	TR8V-1K0A1-0.5-10VA	0,70
1200	0.5	10	TR8V-1K2A5-0.5-10VA	TR8V-1K2A1-0.5-10VA	0,70
1250	0.5	10	TR8V-1K25A5-0.5-10VA	TR8V-1K25A1-0.5-10VA	0,70
1500	0.5	10	TR8V-1K5A5-0.5-10VA	TR8V-1K5A1-0.5-10VA	0,70
1600	0.5	12	TR8V-1K6A5-0.5-12VA	TR8V-1K6A1-0.5-12VA	0,70
2000	0.5	20	TR8V-2K0A5-0.5-20VA	TR8V-2K0A1-0.5-20VA	0,70
2500	0.5	20	TR8V-2K5A5-0.5-20VA	TR8V-2K5A1-0.5-20VA	0,80

plug-in current transformer
400 to 2500A
cable 2x Ø35
rail 2x 80x10

including accessories:





Primary current	Class	Power	Secondary current	Secondary current	Weight
A		VA	5A	1A	Kg
800	0.5	10	TR12V-800A5-0.5-10VA	TR12V-800A1-0.5-10VA	0,70
1000	0.5	10	TR12V-1K0A5-0.5-10VA	TR12V-1K0A1-0.5-10VA	0,70
1200	0.5	10	TR12V-1K2A5-0.5-10VA	TR12V-1K2A1-0.5-10VA	0,70
1250	0.5	10	TR12V-1K25A5-0.5-10VA	TR12V-1K25A1-0.5-10VA	0,70
1500	0.5	12	TR12V-1K5A5-0.5-12VA	TR12V-1K5A1-0.5-12VA	0,70
1600	0.5	12	TR12V-1K6A5-0.5-12VA	TR12V-1K6A1-0.5-12VA	1,00
2000	0.5	15	TR12V-2K0A5-0.5-15VA	TR12V-2K0A1-0.5-15VA	1,00
2500	0.5	20	TR12V-2K5A5-0.5-20VA	TR12V-2K5A1-0.5-20VA	1,00
3000	0.5	20	TR12V-3K0A5-0.5-20VA	TR12V-3K0A1-0.5-20VA	1,00
3200	0.5	20	TR12V-3K2A5-0.5-20VA	TR12V-3K2A1-0.5-20VA	1,00
3500	0.5	20	TR12V-3K5A5-0.5-20VA	TR12V-3K5A1-0.5-20VA	1,00
4000	0.5	20	TR12V-4K0A5-0.5-20VA	TR12V-4K0A1-0.5-20VA	1,00

Insulation class B

plug-in current transformer
400 to 2500A
cable 2x Ø35
rail 3x 100x10

including accessories:

