50 Aniversario

TRANSFORMERS

ZURC

INSTRUMENTACIÓN INDUSTRIAL ZURC, S.A.

keep your measure under control

For measuring instruments.
Mounted in self-exinguishing, plastic, strengthened cases.
Isolation voltage 600 V
Made as per UNE-EN 60044-1 – IEC 60044 1
Frequency 50 or 60 Hz

General Options

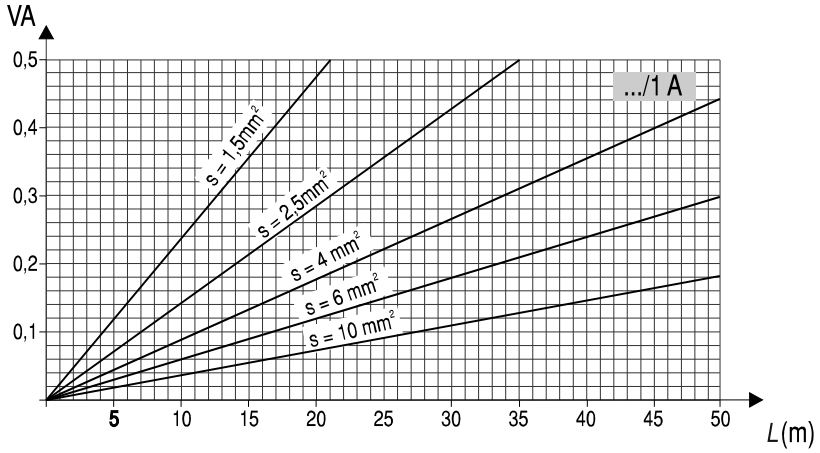
For the proper choice of a current transformer following points must be considered:

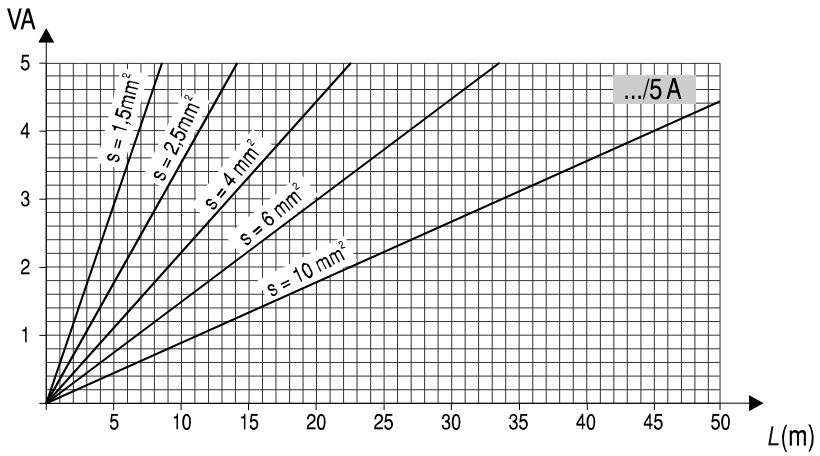
- For currents lower than 50 A it is advisable using wound primary models. For bus bar models rossing the wire through the hole a number of times multuple of the C.T. rated current, might be also possible.
  For instance, to measure 10 A, to 50 A transformers with 50/10=5 cable turns would be appropiate.

- Dimensions of the primary cable or bus bar.

- The real use power in VA at the transformer terminals. To obtain that data, add the drop in the cable (see table) to the consumption of all equipment connected to the secundary line.

Table of losses in connection cables





(1) *L*= Distance from the transformer to the load

TRANSFORMERS

CURRENT TRANSFORMERS. NARROW SECTION

SERIE TC

Fixing device for transformers type TC5 TC5.2, TC6 and TC6.2

Technical specification

- Range primary currents 40 to 4.000 A
- Range output burden 1 to 60 VA
- Accuracy class: 0.5, 1 and 3
- Secondary current .../1A or .../5 A
- Passing-bar current transformer.
- Indoor use.
- Policarbonate with fiber-glass case.
- Self-extinguishing coating V0.
- Thermal class B (130ºC).
- CE
- Sealable secondary side terminals.
- Secondary terminals IP20.
- DIN Rail accessory for TC5 & TC6.
- Security factor FS5.
- Highest voltage for equipment, 0,72 kV.
- Isolation voltage, 3 kV.
- Working frequency, 50-60 Hz.
- Short circuit thermal current, Ith=60 In.
- Dynamic current, Idyn=2,5 Ith.
- Standard: IEC 44-1, BS 2627.

Bar 25x5 ∅20

Type TC 4

TC 4		Standard Currents						
		50	60	75	100	125	150	200
VA	Class 0,5	-	-	-	-	-	1,5	2,5
	Class 1	-	-	-	2	2,5	2,5	5
	Class 3	1	1,25	1,25	3	3,75	4	6

Bar 25x5 ∅20

0,41 kg

Type TC 5

TC 5		Standard Currents								
		40	50	60	75	100	125	150	200	250
VA	Class 0,5	-	-	-	-	1,5	1,75,	2,5	3,75	5
	Class 1	-	-	1,25	2	2,5	3,5	3,5	5	7,5
	Class 3	1,5	3	3,5	3,5	3,75	5	5	5	7,5

Bar 30x10 ∅22

0,41 kg

Type TC 5.2

TC 5.2		Standard Currents								
		100	125	150	200	250	300	400	500	600
VA	Class 0,5	-	-	1	2,5	3,5	3,5	3,5	5	5
	Class 1	1	1,5	2	3	3,75	3,75	5	7,5	7,5
	Class 3	1,5	2	2,5	3,5	5	5	7,5	10	10

Bar 40x10 ∅28

0,40 kg

Type TC 6

TC 6		Standard Currents								
		150	200	250	300	400	500	600	750	800
VA	Class 0,5	1	3,5	5	5	5	7,5	7,5	10	10
	Class 1	3,5	5	7,5	7,5	7,5	10	10	15	15
	Class 3	5	7,5	10	10	10	15	15	20	20

Bar 30x10 ∅26

0,52 kg

Type TC 6.2

TC 6.2		Standard Currents								
		100	125	150	200	250	300	400	500	600
VA	Class 0,5	1,75	3,75	5	7,5	7,5	10	10	15	15
	Class 1	3,75	7,5	7,5	10	10	10	10	15	20
	Class 3	7,5	10	10	10	15	15	15	20	25

TRANSFORMERS

CURRENT TRANSFORMERS. NARROW SECTION

Bar 60x12 ∅44

Type TC 8

TC 8		Standard Currents											
		200	300	400	500	600	750	800	1 000	1 200	1 250	1 500	1 600
VA	Class 0,5	1	2,5	5	7,5	10	15	15	15	15	15	15	15
	Class 1	2,5	5	7,5	10	15	20	20	20	20	20	20	20
	Class 3	5	7,5	15	20	25	25	30	30	30	30	30	30

Bar 40x10 ∅31

Type TC 8.3

TC 8.3		Standard Currents								
		200	250	300	400	500	600	750	800	1 000
VA	Class 0,5	15	10	15	15	15	15	20	25	25
	Class 1	20	15	20	20	20	20	25	30	30
	Class 3	25	25	25	25	25	25	30	35	35

Bar 50x50 60x30 80x30 ∅63

Type TC 10

TC 10		Standard Currents													
		200	300	400	500	600	800	1 000	1 200	1 200	1 500	1 600	2 000	2 500	3 000
VA	Class 0,5	1	2,5	2,5	5	7,5	7,5	10	10	10	15	15	15	15	15
	Class 1	2,5	5	5	7,5	10	10	15	15	15	20	20	20	20	20
	Class 3	5	7,5	7,5	10	15	15	20	20	20	20	25	25	30	30

Bar 100x50

Type TC 12

TC 12		Standard Currents									
		8 00	1 000	1 200	1 250	1 500	1 600	2 000	2 500	3 000	3 200	4 000
VA	Class 0,5	10	10	10	10	15	15	15	20	30	30	35
	Class 1	15	15	15	15	20	20	20	30	40	40	40
	Class 3	20	20	20	20	30	30	30	40	60	60	60

CURRENT TRANSFORMERS. NARROW SECTION. HIGH ACCURACY

SERIE TCH

Fixing device for transformers type TC5 TC5.2, TC6 and TC6.2

Special applications, laboratory.

Technical specification

- Range primary currents 100 to 4.000 A
- Range output burden 1 to 30 VA
- Accuracy class: 0.2S, 0,2 and 0.5S
- Secondary current .../1A or .../5 A
- Passing-bar current transformer.
- Indoor use.
- Policarbonate with fiber-glass case.
- Self-extinguishing coating V0.
- Thermal class B (130ºC).
- CE
- Sealable secondary side terminals.
- Secondary terminals IP20.
- DIN Rail accessory for TC5 & TC6.
- Security factor FS5.
- Highest voltage for equipment, 0,72 kV.
- Isolation voltage, 3 kV.
- Working frequency, 50-60 Hz.
- Short circuit thermal current, Ith=60 In.
- Dynamic current, Idyn=2,5 Ith.
- Standard: IEC 44-1, BS 2627.

Bar 30x10 ∅26

Type TCH 6.2

TCH 6.2		Standard Currents								
		50	60	100	125	150	200	250	300	400
VA	Class 0,2S	-	1	1	1	2,5	3,5	5	5	7,5
	Class 0,2	0,5	1,5	1,5	1,5	3,5	5	5	5	7,5
	Class 0,5S	-	2,5	2,5	2,5	3,5	5	5	5	7,5

TRANSFORMERS

CURRENT TRANSFORMERS. NARROW SECTION. HIGH ACCURACY

SERIE TCH

Special applications, laboratory.

Bar 40x10 ∅28

0,40 kg

Type TCH 6

TCH 6		Standard Currents								
		150	200	250	300	400	500	600	750	800
VA	Class 0,2S	1	1,25	1,5	1,75	1	5	5	7,5	7,5
	Class 0,2	1,25	1,5	1,75	2	5	7,5	7,5	10	10
	Class 0,5S	1,5	2	2,25	2,5	5	7,5	7,5	10	10

Bar 60x12 ∅44

0,60 kg

Type TCH 8

TCH 8		Standard Currents								
		600	750	600	750	800	1000	1200	1500	1600
VA	Class 0,2S	5	7,5	5	7,5	7,5	10	10	10	10
	Class 0,2	10	10	10	10	10	15	15	15	15
	Class 0,5S	10	10	10	10	10	15	15	15	15

Bar 50x50 60x30 80x30 ∅63

0,80 kg

Type TCH 10

TCH 10		Standard Currents								
		800	1000	1200	1250	1500	1600	2000	2500	3000
VA	Class 0,2S	7,5	7,5	10	10	10	10	10	10	10
	Class 0,2	10	10	10	10	10	10	10	10	10
	Class 0,5S	10	10	10	10	15	15	15	15	15

Bar 100x50

0,85 kg

Type TCH 12

TCH 12		Standard Currents								
		500	1200	1250	1500	1600	2000	2500	3000	4000
VA	Class 0,2S	-	10	10	10	10	10	15	20	25
	Class 0,2	4	15	15	15	15	15	20	25	30
	Class 0,5S	-	15	15	15	15	15	20	25	30

CURRENT TRANSFORMERS. GENERAL APPLICATIONS

SERIE TA

Technical specification

TA 210

- Range primary currents 5 to 400 A
- Range output burden 15 to 30 VA
- Accuracy class: 0.5, 1 and 3
- Secondary current .../1A or .../5 A
- Indoor use.
- Policarbonate with self-extinguishing V0.
- Thermal class A (105ºC).
- Sealable secondary terminals.
- Security factor, FS5.
- Highest voltage for equipment, 0,72 kV.
- Isolation voltage, 3 kV.
- Working frequency, 50-60 Hz.
- Short circuit thermal current, Ith=60 In.
- Dynamic current, Idyn=2,5 Ith.
- Standard: IEC 60044-1 / UNE EN60044-1.
- CE

TA 400 / TA 500 / TA 600

- Range primary currents:
  TA 400 / TA 500: 750 to 400A
  TA 600: 1000 to 5000A
- Range output burden:
  TA 400 / TA 500: 13 to 70VA
  TA 600: 15 to 80VA
- Accuracy class: 0.5, 1 and 3
- Secondary current .../1A ó .../5 A -
- Indoor use.
- Policarbonate with self-extinguishing V0.
- Thermal class A (105ºC).
- Sealable secondary terminals.
- Security factor, FS5-10.
- Highest voltage for equipment, 0,72 kV.
- Isolation voltage, 3 kV.
- Working frequency, 50-60 Hz.
- Short circuit thermal current, Ith=60 In.
- Dynamic current, Idyn=2,5 Ith.
- Standard: IEC 60044-1 / UNE EN 60044-1.
- CE

TRANSFORMERS

CURRENT TRANSFORMERS. GENERAL APPLICATIONS

SERIE TA

TA 210		Standard Currents																
		5	10	15	20	25	30	40	50	60	75	100	125	150	200	250	300	400
VA	Class 0,5	15																
	Class 1	20																
	Class 3	30																

Sealable terminal cover and fixing base included

TA 400		Standard Currents									
		300	400	500	600	750	800	1000	1200	1500	2000	3000
VA	Class 0,5	5		10						15	10	
	Class 1	10		15						30	40	
	Class 3	15		30						40	50	

For 100x20 mm bus bar

Sealable terminal cover and fixing base included

TA 500		Standard Currents						
		1000	1200	1500	2000	2500	3000	4000
VA	Class 0,5	20			20		20	20
	Class 1	40			40		40	40
	Class 3	50			50		50	50

For 100x30 mm bus bar

Sealable terminal cover and fixing base included

TA 600		Standard Currents										
		800	1000	1200	1500	2000	2500	3000	3200	4000	4500	5000	6000
VA	Class 0,5	15	15				20			15		10	
	Class 1	15	20				30			30		40	
	Class 3	-	30				40			40		50	

CURRENT TRANSFORMERS. DIN RAIL MOUNTING

SERIE TM / TW

Technical specification

- Indoor use.
- ABS with self-extinguishing.
- Thermal class A (105ºC).
- Fixing by rail DIN 46277, EN 50022.
- Security factor, FS5.
- Isolation voltage, 3 kV.
- Working frequency, 50-60 Hz.
- Short circuit thermal current, Ith=60 In.
- Dynamic current, Idyn=2,5 Ith.
- Standard: IEC 60044-1 / UNE EN 60044-1.

- **Wound primary current transformer**
- **Range primary current 5 to 50A**
- **Range output burden: 2,5 to 7 VA**
- **Accuracy class 0.5, 1 and 3**
- **Secondary current 1 or 5 A**

Fixing system: to fit onto symmetrical DIN 46 277 (EN 50 022)

TM 45		Standard Currents								
		1	5	10	15	20	25	30	40	50
VA	Class 0,5	2,5								
	Class 1	5								
	Class 3	7								

- **Passing bar current transformer.**
- **Range primary current 100 to 300A**
- **Range output burden: 1,5 to 13 VA**
- **Accuracy class 0.5, 1 and 3**
- **Secondary current 1 or 5 A**

Fixing system: to fit onto symmetrical DIN 46 277 (EN 50 022)

TW 25		Standard Currents					
		100	125	150	200	250	250
VA	Class 0,5	-	-	-	3	4	4
	Class 1	1,5	2	3	5	9	9
	Class 3	3	4	5	8	11	11

TRANSFORMERS

CURRENT ADDING TRANSFORMER

SERIE TSR

Type TSR

TSR-2 2 additions (5+5 / 5 A) **15 VA**
TSR-3 3 additions (5+5+5 / 5 A) **15 VA**
TSR-4 4 additions (5+5+5+5 / 5 A) **15 VA**
TSR-5 5 additions (5+5+5+5+5 / 5 A) **15 VA**

Technical specification

- Number of input circuits: 2, 3, 4 or 5.
- Output power: 15 VA.
- Thermal class A (105ºC).
- Input circuit current, In / 5 A.
- Output circuit current, 5 A.
- Short circuit thermal current, Ith=60 In.
- Fixing by rail DIN 46277, EN 50022.
- Standard: IEC 60044-1, UNE 21 088, UL94, VDE 0414.

SPLIT CORE CURRENT TRANSFORMERS.

SERIE TP CLIP

New

The TP-Clip have been designed to facilitate their installation in new or already existing networks. Thanks to ist split core they may be installed without opening any cable or bus bar circuit.

The connection of the conventional Cts usually requires the interruption of the primary side circuit to pass cables bus bar through the transformer core or to connect such cables to primary terminals. The TP-Clip may be easily opened and they may be installed and connected without any supply interruption, thus saving time and installation costs.

Rated current

I(A)	VA	I(A)	VA
40/1	1		
50/1	1	60/5	1
60/1	1	100/5	1
100/1	1	150/5	1.5
150/1	1	200/5	2

Technical specification

- Self-extinguishable UNE 21031 V0
- Thermal class B(130º)
- Storage temperature -40 °C to 85 °C
- Relative Humidity 15% to 85% (without condensing)
- Frequency Range 50Hz - 60Hz
- Rated output 1VA ...2VA
- Rated insulation level 3kV
- Sort-time thermal current (Ith)60 In
- Rated dynamic current 2,5 Ith
- Highest voltage for equipment 0,72 kV a.c.
- CE

SERIE TP

TP-23 0,75 kg
TP-58 0,90 kg
TP-88 1,00 kg
TP-812 1,20 kg
TP-816 3,50 kg

Características técnicas

- Indoor use.
- Policarbonate with self-extinguishing V0.
- Sealable secondary terminals.
- Highest voltage for equipment, 0,72 kV.
- Range output burden: 50A to 6000A
- Secondary current .../1A or .../5 A
- Isolation voltage, 3 kV.
- Working frequency, 50-60 Hz.
- Short circuit thermal current, Ith=20 In.
- Dynamic current, Idyn=2,5 Ith.
- High accuracy and reliability
- CE

TP 23		Standard Currents								
		50	75	100	125	150	200	250	300	400
VA	Class 0,5	-	-	-	-	-	-	-	1,5	2,5
	Class 1	-	-	-	-	-	1,5	2	4	6
	Class 3	1,5	1,5	1,5	2	2	2,5	4	6	10

TP 58		Standard Currents											
		100	150	200	250	300	400	500	600	700	750	800	1 000
VA	Class 0,5	-	-	-	1	1,5	1,5	2,5	2,5	2,5	3	3	5
	Class 1	-	-	-	2	3	3	5	5	5	6	7	10
	Class 3	3	3	3	4	6	10	15	17,5	17,5	18	18	20

TRANSFORMERS

SPLIT CORE CURRENT TRANSFORMERS.

SERIE TP

TP 88		Standard Currents							
		250	300	400	500	600	750	800	1000
VA	Class 0,5	1	1,5	1,5	2,5	2,5	3	3	5
	Class 1	2	3	3	5	5	6	7	10
	Class 3	4	6	10	15	17,5	18	18	20

TP 812		Standard Currents									
		500	600	750	800	1 000	1 200	1 250	1 500	1 600	2 500
VA	Class 0,5	-	-	3	3	5	6	7	8	8	8
	Class 1	4	5	6	7	9	11	15	17	17	17
	Class 3	12	14	17	18	20	24	28	30	30	30

TP 816		Standard Currents												
		500	750	1000	1250	1500	1600	2000	2500	3000	3200	4000	5000	6000
VA	Class 0,5	3	5	10	8	15	15	15	15	20	20	20	20	20
	Class 1	-	-	15	-	20	20	20	20	25	-	25	25	-
	Class 3	-	-	20	-	25	25	25	25	30	-	30	30	-

CURRENT TRANSFORMERS WITH BUILT-IN CONVERTER

SERIE TC 420

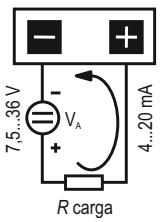
TC5-420 0,41 kg

TC6-420 0,40 kg

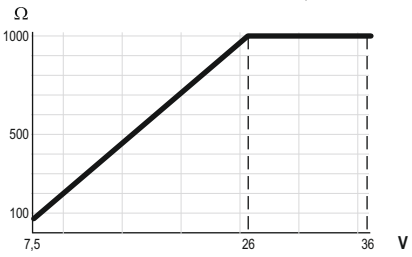
TC8-420 0,60 kg

Output: 4...20 mA
Supply Voltage: 7,5...36 V c.c.
Frequency: 45 a 65 Hz
(Output external supply 4...20 mA)

CONNECTION DIAGRAM



RESISTANCE OF LOAD: $R_{MÁX} = \frac{U_A - 6}{0,02}\ \Omega$



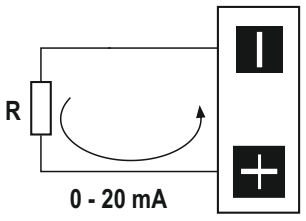
TC5-420	TC6-420	TC8-420
Ø 20 Bar 25x5 mm	Ø 28 Bar 40x10 mm	Ø 44 Bar 60x12 mm
Standard Currents (A)		
5 10 20	40 50 60 75 100 125 150 200 300	400 500 1000 1500

SERIE TC 020

TC6-020 0,40 kg

TC8-020 0,60 kg

Self-supply
Output: 0...20 mA
Frequency: 45 a 65 Hz
Resistance of load: 0 to 250 Ω



Wiring diagram and maximum load

R < 250 Ω

TC6-020	TC8-020
Ø 28 Bar 40x10 mm	Ø 44 Bar 60x12 mm
Standard Currents (A)	
50 100 200 300	500 1000 1500

TRANSFORMERS

CURRENT TRANSFORMERS WITH BUILT-IN CONVERTER

SERIE TP 420 (Split core)

TP 420 20x30 0,75 kg
TP 420 50x80 0,90 kg
TP 420 80x80 1,00 kg
TP 420 80x120 1,20 kg
TP 420 80x160 3,50 kg

Type TP 420

External supply
Output: 4...20 mA
Supply Voltage: 10...28 V c.c.
Frequency: 45 to 65 Hz

Sealable connection terminal box
Metallic holders for fixing
Self-extinguishing UL94VO

TP 420													
Bar (mm x mm)													
20x30		50x80		80x80		80x120		80x160					
Standard Currents (A)													
5	10	20	50	100	200	250	500	750	1 000	1 500	2 000	3 000	4 000

SERIE TCM 420 - TCB 420

0,5 kg

Type TCM 420

Serie with supply of 230VAC (Internal supply)
Type TCM 420 for fixing at panel bottom or onto DIN 46277
Closed core type TCB 420
Output 4-20 mA
Frequency 45 to 65 Hz
Sealable connection terminal box

Metallic holders for fixing
Self-extinguishing UL94VO
Máxima Carga:
TCM 420 (∅ 25) ≤ 200 Ω
TCM 420 (∅ 35) ≤ 300 Ω
TCB 420 ≤ 300 Ω

TCM 420						TCM 420		
Ø 25						Ø 35		
Standard Currents (A)								
2,5	5	10	50	100	200	100	200	300

TCB 420 Ø 35 0,39 kg
TCB 420 Ø 70 0,52 kg
TCB 420 Ø 105 0,85 kg

Type TCB 420

TCB 420							TCB 420				TCB 420				
Ø 35							Ø 70				Ø 105				
Standard Currents (A)															
2,5	5	10	50	100	200	300	100	250	500	750	250	500	750	1000	1500

CURRENT TRANSFORMERS FOR ENERGY METERS

SERIE TRMC

Technical Specification

- Enclosure of self-extinguishing V0, synthetic resin (TRMC400).
- Policarbonate with self-extinguishing V0 (TRMC210).
- Thermal class B (130ºC).
- Sealable secondary side terminals.
- Security factor, FS-5.
- Highest voltage for equipment, 0,72 kV.
- Isolation voltage, 3 kV.
- Working frequency, 50-60 Hz.
- Short circuit thermal current, Ith=60 In.
- Dynamic current, Idyn=2,5 Ith.
- Standard: IEC 60044-1 / UNE EN60044-1.

TRANSFORMERS

CURRENT TRANSFORMERS FOR ENERGY METERS

Type TRMC210

Transformador de primario bobinado
Rango de intensidades de corriente de primario 100 a 600 A
Rango de potencias 10 a 15 VA
Classs de precisión 0.5S y 0.5
Intensidades de secundario 1 ó 5 A
CE

TRMC 210		Standard Currents						
		100	150	200	300	400	500	600
VA	Class 0,5	15						
	Class 0,5S	10						

Type TRMC400

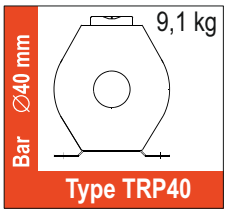
Transformador Type Bar pasante
Rango de intensidades de corriente de primario 750 a 2000 A
Rango de potencias 10 a 15 VA
Classs de precisión 0.5S y 0.5
Intensidades de secundario 1 ó 5 A
CE

TRMC 400		Standard Currents			
		750	1 000	1 500	2 000
VA	Class 0,5	15			
	Class 0,5S	10			

PROTECTION CURRENT TRANSFORMERS.

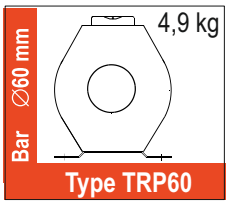
Technical specification

- Range primary currents: 100 to 5000A
- Range output burden 2,5 to 35 VA
- Accuracy class: 5P10 and 5P20
- Secondary current .../1A or .../5A
- Passing-bar current transformer.
- Indoor use.
- Enclosure of self-extinguishing V0, synthetic resin.
- Thermal class B (130ºC).
- Sealable secondary side terminals.
- Highest voltage for equipment, 0,72 kV.
- Isolation voltage, 3 kV.
- Working frequency, 50-60 Hz.
- Short circuit thermal current, Ith=60 In.
- Dynamic current, Idyn=2,5 Ith.
- Standard: IEC 60044-1 / UNE EN60044-1.
- CE



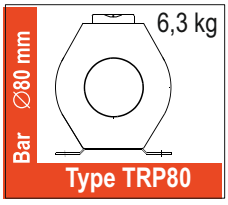
Type TRP40

TRP 40	Standard Currents						
	100	150	200	250	300	400	500
VA	5	5	10	10	15	20	25



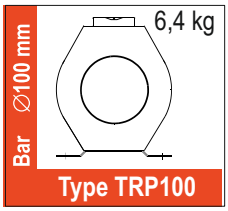
Type TRP60

TRP 60	Standard Currents								
	150	200	250	300	400	500	600	750	1 000
VA	2,5	2,5	5	5	7,5	10	10	15	20



Type TRP80

TRP 80	Standard Currents										
	250	300	400	500	600	800	1 000	1 200	1 500	1 600	1 800
VA	5	5	7,5	10	10	15	20	25	30	30	35

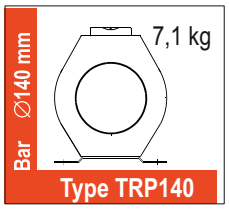


Type TRP100

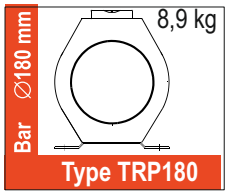
TRP 100	Standard Currents							
	750	1 000	1 200	1 600	1 800	2 000	2 500	3 000
VA	5	7,5	10	10	15	15	15	20

TRANSFORMERS

PROTECTION CURRENT TRANSFORMERS.



TRP 140	Standard Currents						
	1 000	1 250	1 500	2 000	2 500	3 000	4 000
VA	5	5	10	10	10	15	15

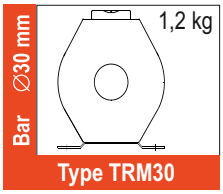


TRP 180	Standard Currents					
	1 500	2 000	2 500	3 000	4 000	5 000
VA	5	7,5	10	10	15	15

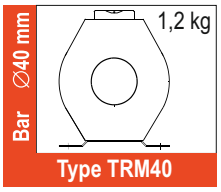
MEASUREMENT RESIN CASE CURRENT TRANSFORMERS

Características técnicas

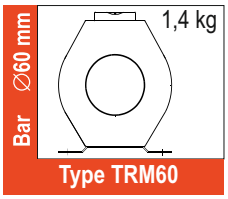
- Range primary currents: 60 to 5000A
- Range output burden 2,5 to 35 VA
- Accuracy class: 0,5 and 1
- Secondary current .../1A or .../5A
- Passing-bar current transformer.
- Indoor use.
- Enclosure of self-extinguishing V0, synthetic resin.
- Thermal class B (130ºC).
- Sealable secondary side terminals.
- Highest voltage for equipment, 0,72 kV.
- Isolation voltage, 3 kV.
- Working frequency, 50-60 Hz.
- Short circuit thermal current, Ith=60 In.
- Dynamic current, Idyn=2,5 Ith.
- Standard: IEC 60044-1 / UNE EN60044-1.
- CE



TRM 30		Standard Currents						
		75	100	150	200	250	300	400
VA	Class 0,5	-			10	15	20	25
	Class 1	2	5	5	-			



TRM 40		Standard Currents								
		100	150	200	250	300	400	500	600	800
VA	Class 0,5	-	5	7,5	10	15	20	25	30	35
	Class 1	2,5	-							

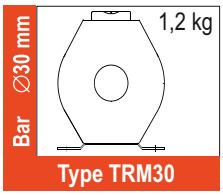


TRM 60		Standard Currents							
		250	300	400	500	600	800	1 000	1 200
VA	Class 0,5	5	7,5	10	15	20	25	30	35

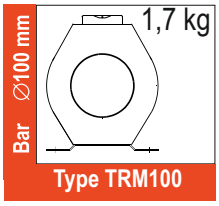
TRM 80		Standard Currents						
		500	600	750	1000	1500	2000	2500
VA	Class 0,5	5	7,5	10	15	20	25	30

TRANSFORMERS

MEASUREMENT RESIN CASE CURRENT TRANSFORMERS



TRM 30		Standard Currents						
		75	100	150	200	250	300	400
VA	Class 0,5	-			10	15	20	25
	Class 1	2	5	5	-			



TRM 100		Standard Currents						
		750	1000	1250	1500	2000	2500	3000
VA	Class 0,5	15	20					25

TRM 140		Standard Currents						
		1000	1250	1500	2000	2500	3000	4000
VA	Class 0,5	15	20	25	30	35		

TRM 180		Standard Currents						
		1250	1500	2000	2500	3000	4000	5000
VA	Class 0,5	15	20					

**** FOR SPECIAL TRANSFORMERS NOT LISTED, PLEASE CONSULT ****

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