



TQ-10 1000/5A

TQ-10 1000/5A, Split core current transformer

Code: M74045.

- > Flat strip(mm): 120 x 80
- > System: Single-phase
- > Class 0,5 Power (VA): 5
- > Class 1 Power (VA): 9
- > Class 3 Power (VA): 20
- > Measurement Range (A): 1000/5
- > Input current: 1000 A

Specifications

Electrical characteristics

Safety factor (SF)	10
Power	5(Class 0.5) , 9(Class 1) , 20(Class 3)
Insulation voltage between terminals S1-S2	3 kV

Mechanical characteristics

Size (mm) width x height x depth	151.95 x 192.5 x 50.2 (mm)
Screw type	PZ-1
Envelope	Plastic V0 self-extinguishing
Torque setting	≤ 0,6 Nm
Cable gauge at input and output terminals	4 mm ²
Fastening	Mural or DIN rail by accessory
Weight (kg)	1,15

Environmental characteristics

Thermal Class	Class B (+130 °C)
Protection class	IP 20
Relative humidity (without condensation)	15 ... 85 %
Storage temperature	-40 ... +85 °C
Working temperature	-5 ... +40 °C

Specific technical characteristics of current sensors

Operating voltage	0,72 kV~ máx.
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Current measurement circuit

Nominal frequency	50 / 60 Hz
Primary current measurement	1000A
Dynamic current (Idyn)	2,5 Ith
Thermal short-circuit current (Ith)	60 In
Transformation ratio	... / 5 A

Standards



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Electrical safety, Maximum height (m)

1000

Standards

UNE-EN 61869-1, UNE-EN 61869-2, UNE 21031, UL 94

TQ-10

Current transformers split core, flat strip 120x80 mm

CODE	TYPE	Measurement Range (A)	Flat strip(mm)	Class 0,5 Power (VA)	Class 1 Power (VA)	Class 3 Power (VA)
TQ-6						
M74023.	TQ-6 100 /5A	100/5	20 x 30	-	-	1
M74025.	TQ-6 150 /5A	150/5	20 x 30	-	-	1
M74026.	TQ-6 200 /5A	200/5	20 x 30	-	-	2
M74027.	TQ-6 250 /5A	250/5	20 x 30	-	1	2
M74028.	TQ-6 300 /5A	300/5	20 x 30	0,5	1	2
M7402A.	TQ-6 400 /5A	400/5	20 x 30	1	2,5	4
TQ-8						
M74035.	TQ-8 300 /5A	300/5	60 x 80	-	1	2,5
M74037.	TQ-8 400 /5A	400/5	60 x 80	1	1,5	3
M74039.	TQ-8 500 /5A	500/5	60 x 80	2	5	7,5
M7403B.	TQ-8 600 /5A	600/5	60 x 80	2	5	8
M7403D.	TQ-8 700 /5A	700/5	60 x 80	2	5	8
M7403E.	TQ-8 750 /5A	750/5	60 x 80	2,5	5	10
M7403F.	TQ-8 800 /5A	800/5	60 x 80	3	6	10
M7403I.	TQ-8 1000 /5A	1000/5	60 x 80	5	8	15
TQ-10						
M74041.	TQ-10 500/5A	500/5	120 x 80	-	4	12
M74042.	TQ-10 600/5A	600/5	120 x 80	-	5	14
M74043.	TQ-10 750/5A	750/5	120 x 80	3	6	17
M74044.	TQ-10 800/5A	800/5	120 x 80	3	7	18
M74045.	TQ-10 1000/5A	1000/5	120 x 80	5	9	20
M74046.	TQ-10 1200/5A	1200/5	120 x 80	6	11	24
M74047.	TQ-10 1250/5A	1250/5	120 x 80	7	15	28
M74048.	TQ-10 1500/5A	1500/5	120 x 80	8	17	30
M7404A.	TQ-10 2000/5A	2000/5	120 x 80	8	17	30
TQ-12						
M74051.	TQ-12 1000/5					
M74052.	TQ-12 1500/5					
M74053.	TQ-12 2000/5					
M74054.	TQ-12 2500/5					
M74055.	TQ-12 3000/5					
M74056.	TQ-12 4000/5					



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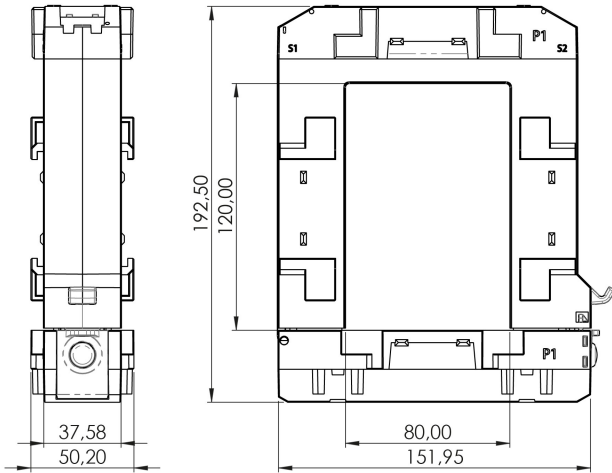
CODE	TYPE	Measurement Range (A)	Flat strip(mm)	Class 0,5 Power (VA)	Class 1 Power (VA)	Class 3 Power (VA)
M74057.	TQ-12 5000/5					



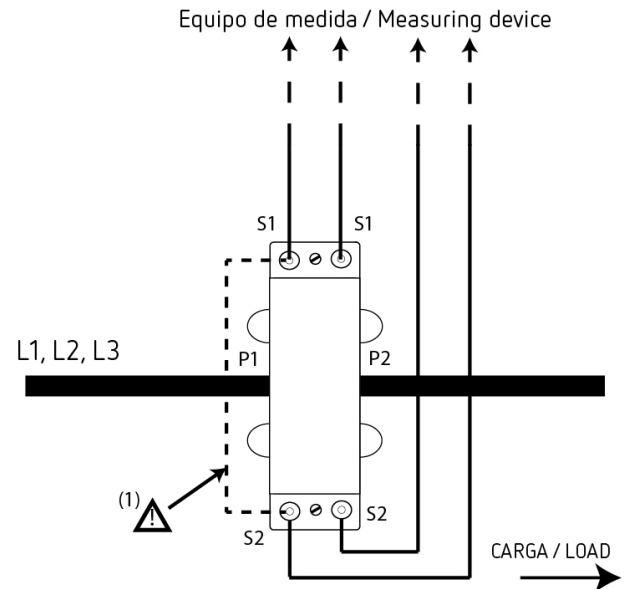
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Dimensions



Connections



(1) Una vez cableado el secundario del transformador (S1 y S2) al equipo de medida, eliminar el puente realizado entre los secundarios de tensión / Once the secondary of the transformer (S1 and S2) is wired to the measuring device, disconnect the jumper installed between the secondary current.