



## TC10 1000/5A

TC10 1000/5A, Current transformers narrow section

Code: M70373. **DESCATALOGADO** 

> Flat strip(mm): 50 x 50 |60 x 30 |80 x 30

> System: Single-phase > Class 0,5 Power (VA): 10 > Class 1 Power (VA): 15 > Class 3 Power (VA): 20

> Measurement Range (A): 1000/5

> Input current: 1000 A

> Transformer type: Closed core

#### Description

- o Type: bar entrance
- $\circ$  Types: from 40 to 4000 A
- o Internal diameter: from 20.3 to 63 mm, depending on the type
- O Busbar dimensions: from 25 x 5 mm to 30 x 100 mm
- o Individual certificate available on request
- $\circ~$  DIN rail fixing accessory (Types  $\mbox{TC5}$  and  $\mbox{TC6})$
- Secondary coding types .../5 A (on demand .../1 A. **TC4** not available)

#### **Application**

Converting a high nominal current to a lower current so that it can be measured by the unit. In installations where the electrical supply can be interrupted to install transformers.







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### **Specifications**

Electrical characteristics	
Safety factor (SF)	FS 5
Power	15 VA (Class 1)
Mechanical characteristics	
Size (mm) width x height x depth	108 x 137 x 78 (mm)
Envelope	Plastic wrap V0 self-extinguishing, UL 94
Weight (kg)	0,59
Environmental characteristics	
Thermal Class	Class B (+130 °C)
Protection class	IP 20
Relative humidity (without condensation)	15 95 %
Specific technical characteristics of current sensors	
Inner diameter Ø (mm)	63
Operating voltage	0,72 kV~ max.
Current measurement circuit	
Nominal frequency	50 / 60 Hz
Primary current measurement	1000 A
Dynamic current (Idyn)	2,5 lth
Thermal short-circuit current (Ith)	60 In
Transformation ratio	/ 5 A
Standards	
Standards	IEC 61869-1, IEC 61869-2, BS2627

For other configurations see table of additional features





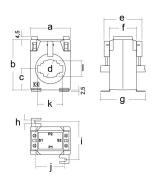


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### **Dimensions**



	TC 5 TCH 5	TC 5.2 TCH 5.2	TC 6.2 TCH6.2	TC 6 TCH 6	TC 8 TCH 8	TC 10 TCH 10
а	58	58	64	64	84,5	108
b	70	70	80,5	80,5	102	130
С	29	29	34	34	46	61
d	20,3	22	26	28,5	44	63
e	45	45	60,5	66,5	69	
f	32	32	44	44	50	50
9	59	59	71	71,2	78	78
h	5,6	5,6	5,6	5,6	6,6	6,6
i	48	48	60	60	64	64
j	39	39	46	46	62	86
k	25,6	30,6	30,6	40,6	60,6	80,6
1	15,6	15,6	20,6	25,2	30,6	50,8

