



### TC8 1600/5A

TC8 1600/5A, Current transformers narrow section

Code: M70369. DESCATALOGADO

> Flat strip(mm): 50 x 30 |60 x 12

> System: Single-phase > Class 0,5 Power (VA): 15

> Class 1 Power (VA): 20 > Class 3 Power (VA): 30

> Measurement Range (A): 1600/5

> Input current: 1600 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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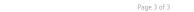
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### **Specifications**

Electrical characteristics	
Safety factor (SF)	FS 5
Power	20 VA (Class 1)
Mechanical characteristics	
Size (mm) width x height x depth	84.5 x 109 x 78 (mm)
Envelope	Plastic wrap V0 self-extinguishing, UL 94
Weight (kg)	0,476
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)	44
Operating voltage	0,72 kV~ max.
Current measurement circuit	
Nominal frequency	50 / 60 Hz
Primary current measurement	1600 A
Dynamic current (Idyn)	2,5 lth
Thermal short-circuit current (Ith)	60 ln
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**



