



## TCH8 1600/5A

TCH8 1600/5A, Current transformers high accuracy and narrow section

Code: M70469. CONSULTAR DISPONIBILIDAD

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

> System: Single-phase

> Class 0,2 Power (VA): 15

> Class 0,2S Power (VA): 10

> Class 0,5S Power (VA): 15

> 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 Transformer certificate sheet is attached
- $\circ~$  Accessory on request for fixing on DIN rail (Types TCH6 and TCH6.2)
- o Secondary coding types .../5 A (on demand .../1 A.)

#### **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 and a high accuracy is required.







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### Specifications

Electrical characteristics	
Safety factor (SF)	FS 5
Power	15 VA (Class 0,2)
Mechanical characteristics	
Size (mm) width x height x depth	84.9 x 113 x 82 (mm)
Envelope	Plastic wrap V0 self-extinguishing, UL 94
Weight (kg)	0,574
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 44-1, BS2627

For other configurations see table of additional features







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### **Dimensions**



