

TCH6 500/5A

TCH6 500/5A, Current transformers high accuracy and narrow section

Code: M70436. **CONSULTAR DISPONIBILIDAD**

> Flat strip(mm): 30 x 15 |20 x 10 |40 x 10
> System: Single-phase
> Class 0,2 Power (VA): 7,5
> Class 0,2S Power (VA): 5
> Class 0,5S Power (VA): 7,5
> Measurement Range (A): 500/5
> Input current: 500 A
> Transformer type: Closed core

Description

- Type: bar entrance
- Types: from 40 to 4000 A
- Internal diameter: from 20.3 to 63 mm, depending on the type
- Busbar dimensions: from 25 x 5 mm to 30 x 100 mm
- Transformer certificate sheet is attached
- Accessory on request for fixing on DIN rail (Types **TCH6** and **TCH6.2**)
- 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	7.5 VA (Class 0,2)

Mechanical characteristics

Size (mm) width x height x depth	69 x 87.1 x 71.7 (mm)
Envelope	Plastic wrap V0 self-extinguishing, UL 94
Weight (kg)	0,3

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)	28,5
Operating voltage	0,72 kV~ max.

Current measurement circuit

Nominal frequency	50 / 60 Hz
Primary current measurement	500 A
Dynamic current (Idyn)	2,5 Ith
Thermal short-circuit current (Ith)	60 In
Transformation ratio	... / 5 A

Standards

Standards	IEC 44-1, BS2627

TCH
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CODE	TYPE	Measurement Range (A)	Flat strip(mm)	Class 0,2 Power (VA)	Class 0,2S Power (VA)	Class 0,5S Power (VA)
TCH6.2						
M70444.	TCH6.2 200/5A	200/5	20 x 20 |25 x 12 |30 x 10	5	3,5	5
TCH10						
M70476.	TCH10 1600/5A	1600/5	50 x 50 |60 x 30 |80 x 30	10	10	15

For other configurations see table of additional features

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Dimensions

