



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

- 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

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 lth
	60 In
Thermal short-circuit current (Ith)	
Thermal short-circuit current (Ith) Transformation ratio	/ 5 A
Transformation ratio	/ 5 A
	/ 5 A IEC 44-1, BS2627

For other configurations see table of additional features







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Dimensions





