



## TCH6 200/5A

TCH6 200/5A, Current transformers high accuracy and narrow section

Code: M70432. [CONSULTAR DISPONIBILIDAD](#)

- > Flat strip(mm): 30 x 15 | 20 x 10 | 40 x 10
- > System: Single-phase
- > Class 0,2 Power (VA): 1,5
- > Class 0,2S Power (VA): 1,25
- > Class 0,5S Power (VA): 2
- > Measurement Range (A): 200/5
- > Input current: 200 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              | 1.5 VA (Class 0,2) |

#### Mechanical characteristics

|                                  |   |
|----------------------------------|---|
| Size (mm) width x height x depth | 65 x 87.6 x 71.3 (mm)                     |
| Envelope                         | Plastic wrap V0 self-extinguishing, UL 94 |
| Weight (kg)                      | 0,282                                     |

#### 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 $\varnothing$ (mm) | 28,5          |
| Operating voltage                 | 0,72 kV~ max. |

#### Current measurement circuit

|  |                     |
|--|---------------------|
| Nominal frequency                                | 50 / 60 Hz          |
| Primary current measurement                      | 200 A               |
| Dynamic current (I <sub>dyn</sub> )              | 2,5 I <sub>th</sub> |
| Thermal short-circuit current (I <sub>th</sub> ) | 60 I <sub>n</sub>   |
| Transformation ratio                             | ... / 5 A           |

#### Standards

|           |                  |
|-----------|------------------|
| Standards | IEC 44-1, BS2627 |
|-----------|------------------|

For other configurations see table of additional features



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### Dimensions

