



## TCH6 800/5A

TCH6 800/5A, Current transformers high accuracy and narrow section

Code: M70439. **CONSULTAR DISPONIBILIDAD**

- > Flat strip(mm): 30 x 15 | 20 x 10 | 40 x 10
- > System: Single-phase
- > Class 0,2 Power (VA): 10
- > Class 0,2S Power (VA): 7,5
- > Class 0,5S Power (VA): 10
- > Measurement Range (A): 800/5
- > Input current: 800 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              | 10 VA (Class 0,2) |

### Mechanical characteristics

|                                  |   |
|----------------------------------|---|
| Size (mm) width x height x depth | 72 x 87.13 x 71.1 (mm)                    |
| Envelope                         | Plastic wrap V0 self-extinguishing, UL 94 |
| Weight (kg)                      | 0,379                                     |

### 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         | 800 A      |
| Dynamic current (Idyn)              | 2,5 Ith    |
| Thermal short-circuit current (Ith) | 60 In      |
| Transformation ratio                | ... / 5 A  |

### Standards

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

For other configurations see table of additional features



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## Dimensions

