



TC12 4000/5A

TC12 4000/5A, Current transformers narrow section

Code: M70388. CONSULTAR DISPONIBILIDAD

> Flat strip(mm): 100 x 50 > System: Single-phase > Class 0,5 Power (VA): 35 > Class 1 Power (VA): 40 > Class 3 Power (VA): 60

> Measurement Range (A): 4000/5

> Input current: 4000 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 Individual certificate available on request
- $\circ~$ DIN rail fixing accessory (Types $\mbox{TC5}$ and $\mbox{TC6})$
- Secondary coding types .../5 A (on demand .../1 A. **TC4** not available)

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.







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Specifications

| Electrical characteristics | |
|---|---|
| Safety factor (SF) | FS 5 |
| Power | 40 VA (Class 1) |
| Mechanical characteristics | |
| Size (mm) width x height x depth | 129 x 155 x 78 (mm) |
| Envelope | Plastic wrap V0 self-extinguishing, UL 94 |
| Weight (kg) | 1,082 |
| Environmental characteristics | |
| Thermal Class | Class B (+130 °C) |
| Protection class | IP 20 |
| Relative humidity (without condensation) | 15 95 % |
| Specific technical characteristics of current sensors | |
| Operating voltage | 0,72 kV~ max. |
| Current measurement circuit | |
| Nominal frequency | 50 / 60 Hz |
| Primary current measurement | 4000 A |
| Dynamic current (Idyn) | 2,5 lth |
| Thermal short-circuit current (Ith) | 60 In |
| Transformation ratio | / 5 A |
| Standards | |
| Standards | IEC 61869-1, IEC 61869-2, BS2627 |

For other configurations see table of additional features







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Dimensions





