

# TC6.2 100/5A

TC6.2 100/5A, Current transformers narrow section

Code: M70341. **DESCATALOGADO**

> System: Single-phase
> Class 0,5 Power (VA): 1,75
> Class 1 Power (VA): 3,75
> Class 3 Power (VA): 7,5
> Measurement Range (A): 100/5
> Input current: 100 A

## 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
- Individual certificate available on request
- DIN rail fixing accessory (Types **TC5** and **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.

Creation date: 19/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.



# TC6.2 100/5A

Current transformers narrow section

Code: M70341.

## Specifications

### Electrical characteristics

| | |
|---|---|
| Safety factor (SF) | FS 5 |
| Power | 3.75 VA (Class 1) |

### Mechanical characteristics

| | |
|---|---|
| Size (mm) width x height x depth | 64 x 87.5 x 71 (mm) |
| Envelope | Plastic wrap V0 self-extinguishing, UL 94 |
| Weight (kg) | 0,532 |

### 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) | 26 |
| Operating voltage | 0,72 kV~ max. |

### Current measurement circuit

| | |
|---|---|
| Nominal frequency | 50 / 60 Hz |
| Primary current measurement | 100 A |
| Dynamic current (Idyn) | 2,5 Ith |
| 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



Creation date: 19/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.

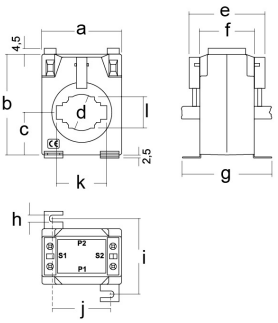


# TC6.2 100/5A

Current transformers narrow section

Code: M70341.

## Dimensions




| | TC 5<br>TCH 5 | TC 5.2<br>TCH 5.2 | TC 6.2<br>TCH6.2 | TC 6<br>TCH 6 | TC 8<br>TCH 8 | TC 10<br>TCH 10 |
|---|---|---|---|---|---|---|
| a | 58 | 58 | 64 | 64 | 84,5 | 108 |
| b | 70 | 70 | 80,5 | 80,5 | 102 | 130 |
| c | 29 | 29 | 34 | 34 | 46 | 61 |
| d | 20,3 | 22 | 26 | 28,5 | 44 | 63 |
| e | 45 | 45 | 60,5 | 66,5 | 69 | --- |
| f | 32 | 32 | 44 | 44 | 50 | 50 |
| g | 59 | 59 | 71 | 71,2 | 78 | 78 |
| h | 5,6 | 5,6 | 5,6 | 5,6 | 6,6 | 6,6 |
| i | 48 | 48 | 60 | 60 | 64 | 64 |
| j | 39 | 39 | 46 | 46 | 62 | 86 |
| k | 25,6 | 30,6 | 30,6 | 40,6 | 60,6 | 80,6 |
| l | 15,6 | 15,6 | 20,6 | 25,2 | 30,6 | 50,8 |

Creation date: 19/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.