

## TC6 300/5A

TC6 300/5A, Current transformers narrow section

Code: M70334.

- > Flat strip(mm): 30 x 15 | 20 x 10 | 40 x 10
- > System: Single-phase
- > Class 0,5 Power (VA): 5
- > Class 1 Power (VA): 7,5
- > Class 3 Power (VA): 10
- > Measurement Range (A): 300/5
- > Input current: 300 A
- > Transformer type: Closed core

## Specifications

### Electrical characteristics

Safety factor (SF)	FS 5
Power	7.5 VA (Class 1)

### Mechanical characteristics

Size (mm) width x height x depth	64 x 87.5 x 71.2 (mm)
Envelope	Plastic wrap V0 self-extinguishing, UL 94
Fastening	DIN rail with accessory
Weight (kg)	0,29

### 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	300 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
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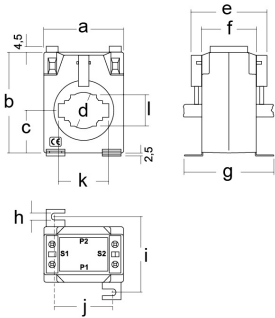


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### Dimensions



	TC 5 TCH 5	TC 5.2 TCH 5.2	TC 6.2 TCH6.2	TC 6 TCH 6	TC 8 TCH 8	TC 10 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