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GTA02010-04

CURRENT TRANSFORMER

Rugged structure

For conductors with total cross sectional area up to 250 mm^2 (ϕ 18 mm)

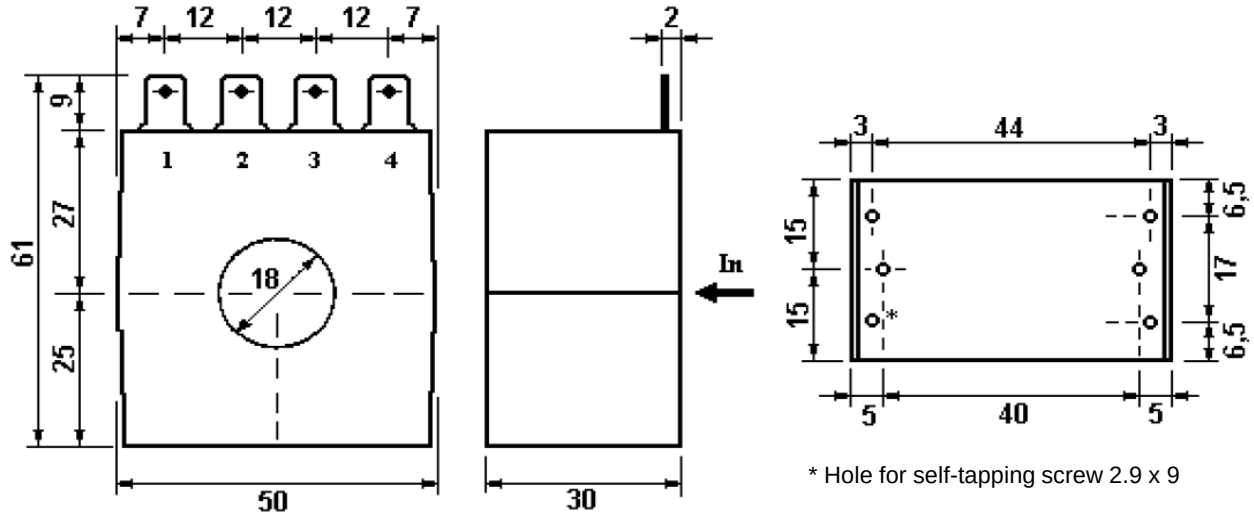
NOMINAL CURRENT	**200 A**
TURNS RATIO UP TO	**1000:1**

MAIN PARAMETERS

Characteristic		Conditions	Value
N	Turns ratio		250 - 500 - 1000 :1
In	Nominal current	RMS value	50 - 100 - 200 A
R_L	Load resistance		40 Ω
Vo	Max RMS output voltage	R = 40 Ω	8 V
ε%	Accuracy	R = 40 Ω	< 2.5 - 1.5 - 0.8 %
Vins	RMS insulation voltage	50 Hz - 60 s	4 kV
f	Frequency		50 - 60 Hz
Tw	Internal operating temperature		0 - 70 °C

FINAL INSPECTION ON 100% PRODUCTION

Characteristic		Conditions	Acceptance level
Im	Magnetizing current	RMS value at V(1 - 4) = 8 Vrms	≤ 1.2 mA
N	Turns ratio		OK on 100%
	Polarity		OK on 100%



* Hole for self-tapping screw 2.9 x 9

dimensions in mm