



# GTA06015-02

## CURRENT TRANSFORMER

Rugged structure

For conductors with total cross sectional area up to 530 mm<sup>2</sup> ( $\phi$  26 mm)

For bar up to 30 x 10 mm

**NOMINAL CURRENT UP TO 600 A**

**TURNS RATIO UP TO 1500:1**

### MAIN PARAMETERS

Characteristic		Conditions	Value
N	Turns ratio		500 - 1000 - 1500 :1
I <sub>n</sub>	Nominal current	RMS value	200 - 400 - 600 A
R <sub>L</sub>	Load resistance		20 $\Omega$
V <sub>o</sub>	Max RMS output voltage	R = 20 $\Omega$	8 V
$\epsilon\%$	Accuracy	R = 20 $\Omega$	$\leq 1 - 0.4 - 0.2$ %
V <sub>ins</sub>	RMS insulation voltage	50 Hz - 60 s	4 kV
f	Frequency		50 - 60 Hz
T <sub>w</sub>	Internal operating temperature		0 - 70 $^{\circ}\text{C}$

### FINAL INSPECTION ON 100% PRODUCTION

Characteristic		Conditions	Acceptance level
I <sub>m</sub>	Magnetizing current	RMS value at V( 1 - 4 ) = 8 V <sub>rms</sub>	$\leq 0.8$ mA
N	Turns ratio		OK on 100%
	Polarity		OK on 100%

