



# GTA04020-02

## 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**                      **400 A**  
**TURNS RATIO UP TO**                      **2000:1**

### MAIN PARAMETERS

Characteristic		Conditions	Value
N	Turns ratio		1000 - 1500 - 2000 :1
I <sub>n</sub>	Primary current	RMS value	200 - 300 - 400 A
I <sub>2</sub>	Secondary current	RMS value	0.2 A
R <sub>L</sub>	Load resistance		20 $\Omega$
$\epsilon\%$	Accuracy	R = 20 $\Omega$	$\leq 0.5 / 0.3 / 0.2$ %
V <sub>ins</sub>	RMS insulation voltage P / S <sub>1</sub> +S <sub>2</sub>	50 Hz - 60 s	4 kV
f	Frequency		50 - 60 Hz
T <sub>w</sub>	Operating temperature, max		100 °C

### FINAL INSPECTION ON 100% PRODUCTION

Characteristic		Conditions	Acceptance level
I <sub>m</sub>	Magnetizing current	RMS value at V( 1 - 4 ) = 4 V <sub>rms</sub>	$\leq 0.4$ mA
N	Turns ratio		OK on 100%
	Polarity		OK on 100%

