

# TA2820E Busbar built-in type current transformer



## Characteristics:

Epoxy resin encapsulated, nanocrystalline core, small outline size, fully enclosed, electrical load remote monitoring, as the input signal of electric control system, lack of phase indicating, electrical energy measuring, motor monitoring.

## Technical index:

- Mounting type: PCB
- Material of the core: Silicon steel sheet
- Flame resistance: UL94-V0
- Execution standard: GB20840-2014
- Operating temperature:  $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Storage temperature:  $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$
- Frequency range: 50Hz-60Hz
- Dielectric strength: 3KV 50Hz 1min

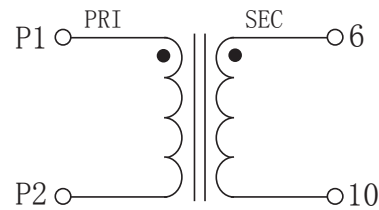
Product picture : (the printed words are for reference only, subject to the actual product)



## Electrical parameters: (The following parameters are typical values and actual values will be subject to product testing)

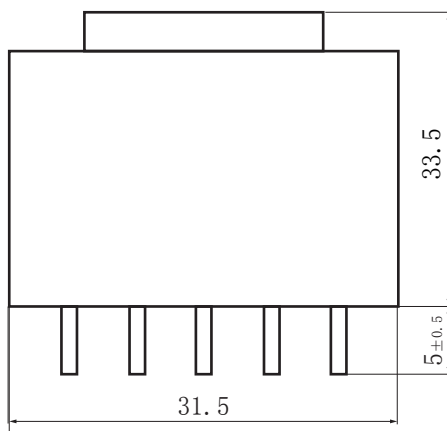
Model	TA2820E-05	TA2820E-06	Unit
Rated input	10	20	A
Rated output	3.3	4	mA
Turns ratio	1 : 3000	1 : 5000	
Linearity	$\leq 0.5$	$\leq 0.5$	%
Sampling resistance	3K	5K	$\Omega$
Weight	73		g

## Schematic diagram:



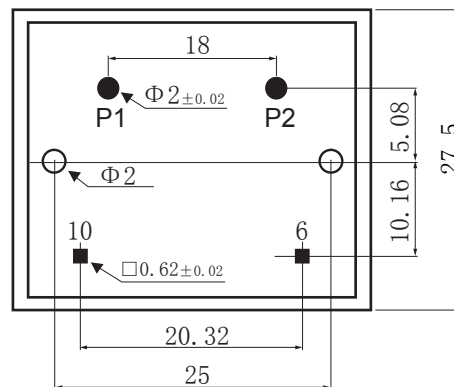
current output type  
the secondary is not allowed to open.

## Dimensions (in mm $\pm 0.5$ ) :



Front view

Choose fastening screws:  
Self tapping screw M2.5 $\times$ 6



Bottom view