

## EI2812(1VA) -EI4821(12VA) Encapsulated Transformer

### FEATURES

- CQC file No.: CQC17001167224
- CE file No: BSTXD190311209301EC/BSTXD190311209301SC
- Vacuum Filling, Encapsulated Design Prevent dust and humidity
- High efficiency, Low Temperature Rise
- Dielectric Strength 4000VAC
- Class B (130° C) insulation material.
- Operating temperature from -40° C to 70° C
- Design according to EN61558-1, EN61000,GB19212-1, GB19212-7
- 100% Production Tested

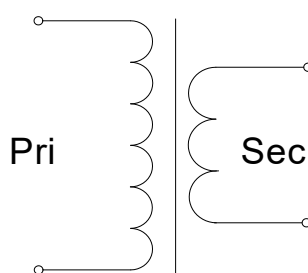
### OUTLINE DIMENSIONS

- See attached table

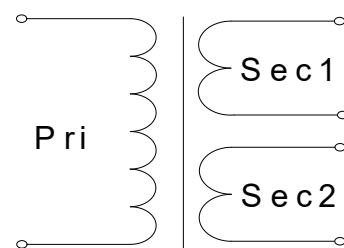
### COMMON APPLICATIONS

- Single phase carrier remote charge control electricity meter
- Three phase carrier remote charge control electricity meter
- Collector I, II and concentrator
- Various controllers

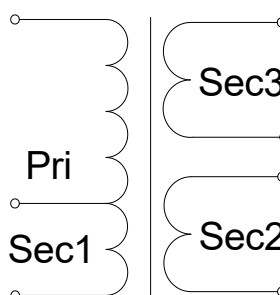
### SCHEMATIC DIAGRAM



Single output



dual outputs



three outputs

## ELECTRONIC SPECIFICATIONS:

Structure	Power(W)	outline dimensions	Certificate	
			CQC	CE
EI2812Series1	1-1.3		•	•
EI2814Series	1-1.2		•	•
EI2816Series1	1.5-2.5		•	•
EI2816Series2	1.5-2.5		•	•
EI2818Series	1.5-2.5		•	•

EI2820Series	2-3		•	•
EI3005Series	0.5-0.6		•	•
EI3011Series	1.2-1.5		•	•
EI3013Series	1.5-1.8		•	•
EI3016Series	2-2.4		•	•

EI3018Series	2.3-2.8		•	•
EI3314Series	2-3		•	•
EI3319Series	2.5-3.5		•	•
EI3319Series	2.5-3.5		•	•
EI3321Series1	3-4		•	•

EI3321Series2	3-4		•	•
EI3321Series3	3-4		•	•
EI3321Series4	3-4		•	•
EI3321Series4	3-4		•	•
EI3520Series	4-6		•	•

EI3807Series	1.5-2	<p>Technical drawing of EI3807Series showing top and side views. Dimensions include 41.5max, 5(*4), 20.8±0.1, 25±0.5, 35.5max, 22max, 4±1, 10, 6, 5, and 20.</p>	•	•
EI3814Series	3.5-4.5	<p>Technical drawing of EI3814Series showing top and side views. Dimensions include 42max, 5(*4), <math>\Phi 0.8 \pm 0.1</math>, 25, 35.5max, 28.5max, 4±1, 10, and 6.</p>	•	•
EI3816Series	4-5	<p>Technical drawing of EI3816Series showing top and side views. Dimensions include 41.5max, 5(*4), 20.8±0.1, 25±0.5, 35.5max, 30max, 4±1, 10, 6, 5, and 20.</p>	•	•
EI4215Series	5-6	<p>Technical drawing of EI4215Series showing top and side views. Dimensions include 45.5max, 5(*5), <math>\Phi 0.8 \pm 0.1</math>, 25, 38.5max, 33max, 4±1, 12, 7, and 6.</p>	•	•
EI4221Series	6-8	<p>Technical drawing of EI4221Series showing top and side views. Dimensions include 46max, 5(*5), 20.8±0.1, 25±0.5, 39max, 38.5max, 4±1, 12, 7, 5, and 25.</p>	•	•

EI4817Series	8-10		•	•
EI4821Series	10-12		•	•
Remark	<p>The above product size diagram is a full needle diagram, and the pin position can be selected according to customer needs. The pin position not in the table can be realized by opening a mold, and the technical parameters can be customized according to customer needs.</p>			