

PU series flat type isolation transformer



Model: PU3006B

Characteristics:

1. Vacuum epoxy resin encapsulated, 100°C / 6 hours high temperature aging, long working life 20 years and with high dielectric strength.
2. High quality Z11 silicon steel sheet, low temperature rise, high efficiency.
3. PBT engineering plastic, environmental protection, flame retardant, 120 degrees no deformation.
4. Reasonable structure, convenient installation, low noise, strong seismic, sealed waterproof, moisture-proof.



Technical index:

Technical Index: PCB

Flame resistance : UL94-V0

Insulation class: B

Operation temperature: -30°C ~ +70°C

Work frequency: 50Hz ~ 60Hz

Dielectric strength: Pri./Sec. 4KV 50Hz 1min 5mA, Sec./Sec 500V 50Hz 1min 5mA

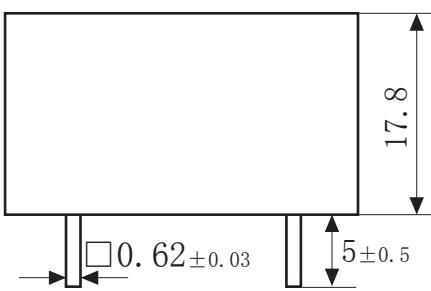
Standard output parameter table :
(factory full load voltage shall prevail)

Secondary voltage	Secondary no-load voltage	Secondary full-load current
6V × 2	9. 5V × 2	208mA × 2
7. 5V × 2	13V×2	167mA × 2
9V × 2	15V×2	138mA × 2
12V × 2	19V×2	104mA × 2
15V × 2	24V×2	83mA × 2
18V × 2	27V×2	69mA × 2
24V × 2	41V×2	52mA × 2

Technical parameters table:

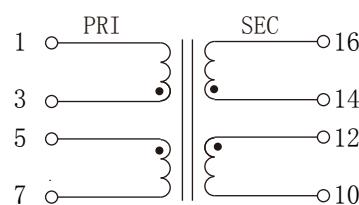
Primary voltage	Double 110V	Double 115V	unit
Primary voltage range	± 10	%	
Voltage regulation	2. 5	VA	
Power	≤ 45	%	
Temperature rising	≤ 20	°C	
No load loss	≤ 0. 4	W	
Weight	120	g	

Dimension (in mm±0.5) :



Side view

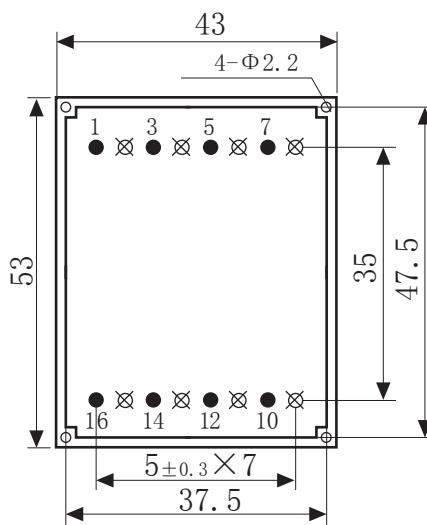
Schematic diagram:



Input/output shorting method

Series connection:
3-7 short circuit/1-5 input
10-14 short circuit/12-16 output

Parallel connection:
1-7 short circuit, 3-5 short circuit
1-3 input or 5-7 input
12-14 short circuit, 10-16 short circuit
10-12 output or 14-16 output



Bottom view