

PU series flat type isolation transformer



Model:PU3006B

Characteristics:

- 1.Vacuum epoxy resin encapsulated,100℃ /6 hours high temperature aging, long woking life 20 years and with high delectric 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℃~+70℃

Work frequency: 50Hz~60Hz

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

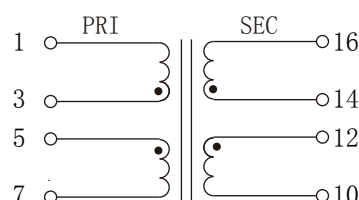
Technical parameters table:

Primary voltage	Double 110V	Double 115V	unit
Primary voltage range	± 10		%
Power	2.5		VA
Voltage regulation	≤ 45		%
Temperature rising	≤ 20		℃
No load loss	≤ 0.4		W
Weight	120		g

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

Secondary voltage	Secondary no-load voltage	Secondary full-load current
$6V \times 2$	$9.5V \times 2$	$208mA \times 2$
$7.5V \times 2$	$13V \times 2$	$167mA \times 2$
$9V \times 2$	$15V \times 2$	$138mA \times 2$
$12V \times 2$	$19V \times 2$	$104mA \times 2$
$15V \times 2$	$24V \times 2$	$83mA \times 2$
$18V \times 2$	$27V \times 2$	$69mA \times 2$
$24V \times 2$	$41V \times 2$	$52mA \times 2$

Schematic diagram:



Input/output shorting method

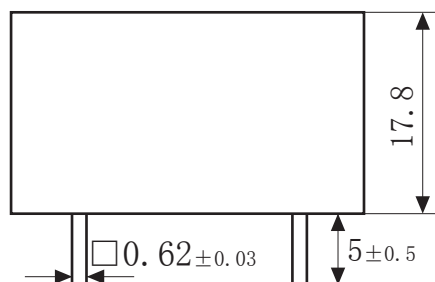
Series connection:

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

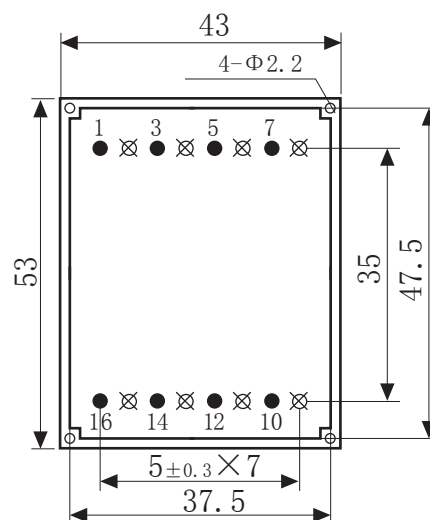
Parallel connection:

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

Dimension (in mm ± 0.5) :



Side view



Bottom view