

PU series flat type isolation transformer



Model:PU3908BW

Characteristics:

1. Vacuum epoxy resin encapsulated, 100℃/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:

Mounting type: PCB

Flame resistance : UL94-V0

Insulation class: B

Operation temperature: -30℃~+40℃

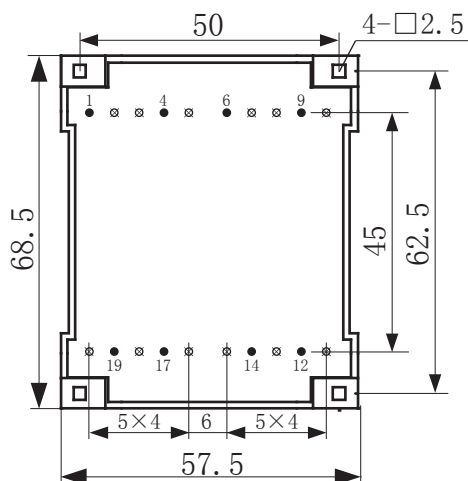
Work frequency: 50Hz~60Hz

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	10		VA
Voltage regulation	≤ 30		%
Temperature rising	≤ 25		℃
No-load loss	≤ 1		W
Weight	250		g

Dimension (in mm ± 0.5) :

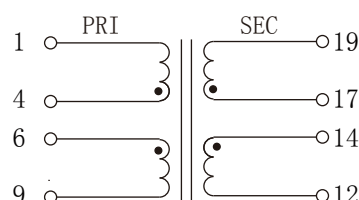


Bottom view

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

Secondary voltage	Secondary no-load voltage	Secondary full-load current
$2 \times 6V$	$2 \times 8.7V$	$2 \times 833mA$
$2 \times 7.5V$	$2 \times 9.7V$	$2 \times 667mA$
$2 \times 9V$	$2 \times 13V$	$2 \times 555mA$
$2 \times 12V$	$2 \times 17V$	$2 \times 416mA$
$2 \times 15V$	$2 \times 21.6V$	$2 \times 333mA$
$2 \times 18V$	$2 \times 23V$	$2 \times 277mA$
$2 \times 24V$	$2 \times 34.3V$	$2 \times 208mA$

Schematic diagram:



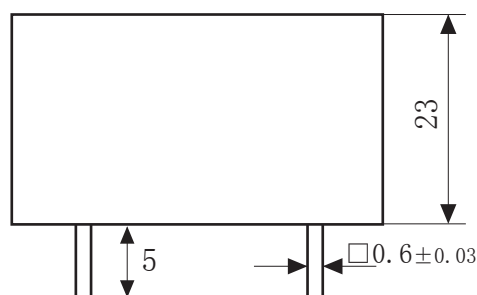
Input/output shorting method

Series connection:

4-9 short circuit/1-6 input
12-17 short circuit/14-19 output

Parallel connection:

1-9 short circuit. 4-6 short circuit
1-4 input or 6-9 input
12-19 short circuit. 14-17 short circuit
12-14 output or 17-19 output



Side view