

Power Transformers

Sub-plate mounting, High voltage input.



Product application

- Power Industry
- Oil industry
- Military engineering
- Chemical Industry
- Wind power generation

Product advantage

- Good stability
- Low noise
- Power foot
- High withstand voltage
- Small no-load current

Product features

- single crystal copper enameled wire
- High quality iron core-H18/0.35(annealing)
- PBT engineering plastics, Environmental protection, Flame retardant, 120 degrees without deformation
- Vacuum potting, 100 ° C / 6 hours high temperature aging, 20 years of life, High electric strength
- Reasonable structure, Easy to install, Low noise, Strong earthquake resistance, Sealed moisture

Typical technical index:

- Material of core——Silicon steel sheet
- Insulation grade: B grade (130℃)
- Operating temperature——-30℃~+40℃
- Frequency range——50Hz~60Hz
- Fair resistance: with UL94-V0
- Form test: Pri./Sec.20KV max AC/1min 20mA Secondary room500V AC/1min 5mA
(The samples for it is destructive experiment of samples, not recommended for normal use)

Factory test: Pri./Sec.20KV AC/1s 20mA, Secondary room500V AC/1s 5mA

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

Remarks:

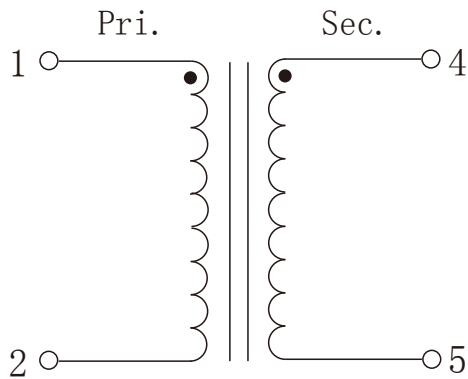
Primary input voltage	1000	2000	3000	4000	5000	6000	V	Customizable other voltage inputs. example: 1140V
Primary input voltage range	±10						%	Other input ranges can be ordered example: ±20%
Power	40						VA	Rated power, Not be bigger
Voltage regulation	≤16						%	For reference only
No load loss	≤2.6						VA	For reference only
Temperature rise	≤30						℃	For reference only
Initial electrical strength	5	10	15	20	20	20	KV	5 to 7 times the normal input voltage (Except in special circumstances)
Weight	2133						g	For reference only

Secondary output full load voltage		Secondary no-load voltage		Secondary full load current	
Single	Dual	Single	Dual	Single	Dual
6V	6V×2	6.8V	6.8V×2	6.6A	3.3A×2
7.5V	7.5V×2	8.4V	8.4V×2	5.3A	2.6A×2
9V	9V×2	10.1V	10.1V×2	4.4A	2.2A×2
12V	12V×2	13.5V	13.5V×2	3.3A	1.6A×2
15V	15V×2	16.9V	16.9V×2	2.6A	1.3A×2
18V	18V×2	20.3V	20.3V×2	2.2A	1.1A×2
24V	24V×2	27V	27V×2	1.6A	0.8A×2

Remarks:

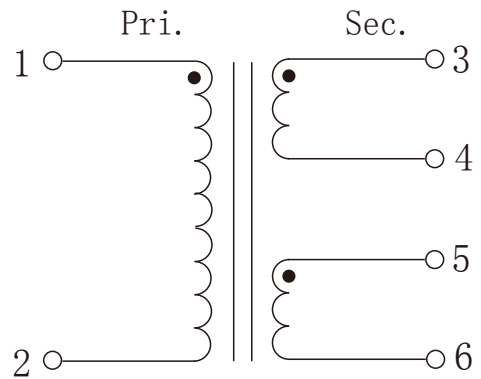
1. Customized output according to customer requirements
Voltage/current distribution on demand
2. If there is no special description, the secondary output is full load voltage (can be customized)
3. Transformer input / output is AC
4. Other types can be ordered
Cable
Frequency
Same name end

Wiring schematic diagram:



- Representing the same name

Single output



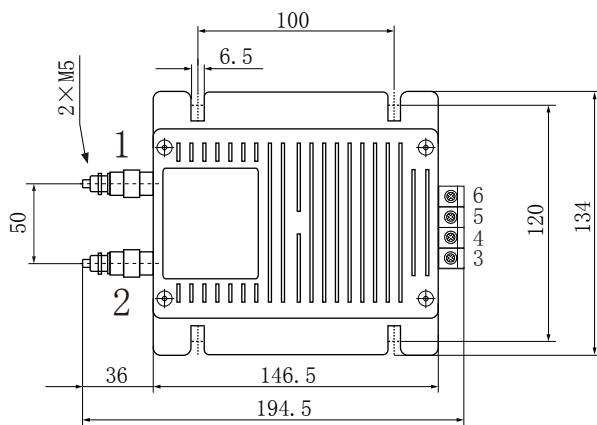
- Representing the same name

Double output (Equalization)

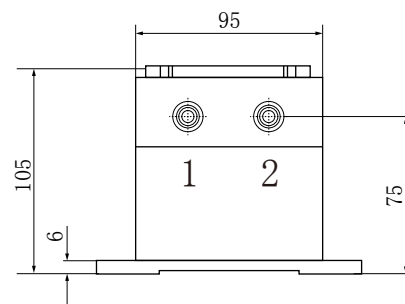
Dot end shorted in parallel, the voltage constant, the current doubles
 Synonyms shorted in series, the same current, voltage doubling

***It is recommended to seal with the terminal at the high voltage side wiring.**

Dimensions (in mm±0.5) :



Top view



Side view