

Machinery control transformer

JBK5 series machinery control transformer is produced by high permeability material, between laminated silicon steel, bottom plate and laminated silicon steel are welded in a group by argon arc, structure is simple, anti-corrosion alloy material is used in the bottom plate to improve grounding reliability. Crimp terminal using group structure, increases the electrical clearance and creepage distance, and it improves the density of the connection, protection class IP20, can prevent the risk of occasional access to the circuit. The transformer are used for 50-60Hz AC, primary voltage less than 500V, secondary rated voltage less than 400V, it can be used as general electrical control power source of mechanical equipment in various industries, working lighting and signal lamp power source.



Product application

- Power industry
- Oil industry
- Military engineering
- Chemical industry

Product advantage

- Good stability
- Low noise
- Power is sufficient
- Small idle current

Product features

- Single crystal copper enameled wire
- High quality iron core-H18/0.35(annealing)
- EI laminated silicon steel adopts joint welding technology, low loss, low temperature
- Reasonable structure, easy installation, low noise, strong earthquake

Typical technical index:

- Material of core——Laminated silicon steel
- Insulation grade: B grade (130℃)
- Operation temperature——-30℃~+40℃
- Frequency range——50Hz~60Hz
- Fair resistance: UL94-V0
- Form test: Pri./Sec.3.5KV AC/1min 5mA (Multiple output: Sec.500V AC/1min 5mA)
(The samples for it is destructive experiment of samples, not recommended for normal use)
- Factory test: Pri./Sec.3.5KV AC/1s 5mA, (Multiple output: Sec.500V AC/1s 5mA)

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

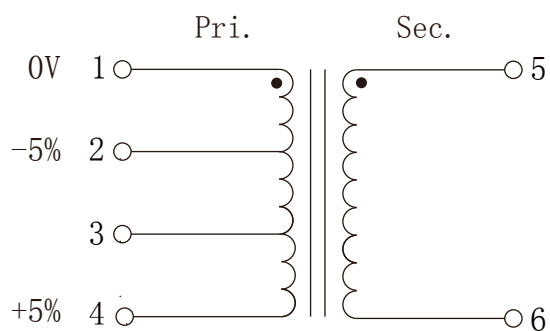
Remarks:

Primary input voltage	110	220	380	V	Customizable other voltage inputs. example: between 0 ~ 660V
Primary input voltage range	±10			%	Other input ranges can be ordered example: ±20%
Power	300			VA	Rated power
Voltage regulation	5			%	For reference only
No-load loss	15			W	For reference only
Weight	5			Kg	For reference only

Secondary output full-load voltage Single	Secondary no-load voltage Single	Secondary full-load current Single	1. Can be customized according to customer requirements output Voltage/current to each according to his need 2. If not specified, the secondary output is full load voltage (customized no-load). 3. Transformer input/output for communication Do the rectification notice 4. Other types can be customized tap pressure frequency shielding
15V	15.8V	20A	
18V	18.9V	16.7A	
24V	25.2V	12.5A	
110V	115.5V	2.7A	
220V	231V	1.36A	
380V	399V	0.78A	

Standard product wiring schematic diagram:

Remarks:



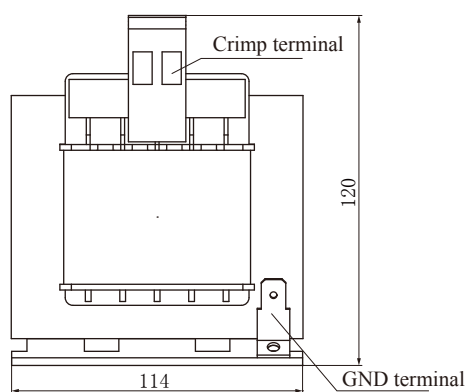
•Represents the same end

No. 2 terminal is high pressure regulating tap

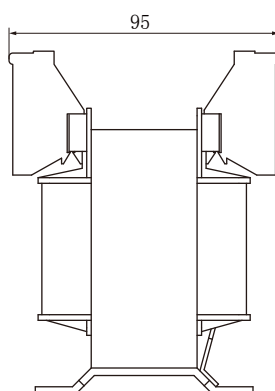
Terminal 3 is rated input voltage

No. 4 terminal is low pressure regulating tap

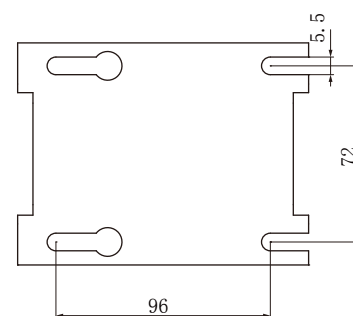
Dimensions (in mm ± 0.5) :



Front view



Side view



Bottom fixed diagram