



NDK Control Transformer

1. General

- 1.1 Frequency: AC 50Hz/60Hz;
- 1.2 Application: for control power supply of apparatus, partial illumination and indicator light of machine tool and other mechanic equipments.
- 1.3 Standard: IEC/EN 61558, Q/ZT258.

2. Type designation

N D K - □

Rated output capacity (VA): 25VA~5000VA

Control

Single-phase

Corporation character

3. Operation conditions

- 3.1 Temperature: $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$, the average value within 1 month should not exceed $+30^{\circ}\text{C}$ and not exceed $+20^{\circ}\text{C}$ within 1 year;
- 3.2 Altitude: $\leq 2000\text{m}$;
- 3.3 Relative humidity: $\leq 95\%$

4. Features

The transformer is characterized by excellent performances, reliable operation, compact design, safe wiring, and wide application, etc.

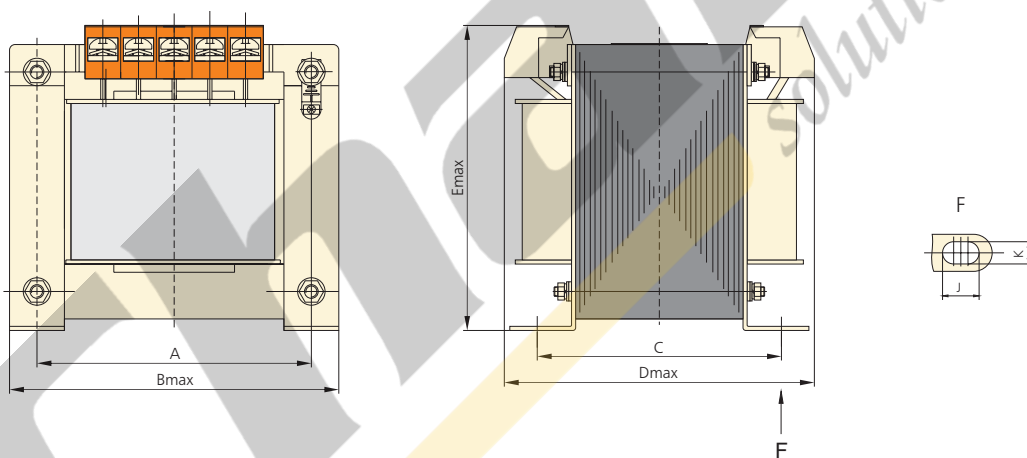
5. Technical data

| Model | Capacity (VA) | Rated input voltage(V) | Rated output voltage(V) | Frequency (Hz) |
|----------|---------------|------------------------|---|----------------|
| NDK-25 | 25 | 230, 400 | 6, 12, 24, 36, 110, 127, 230, 400 | 50/60 |
| NDK-50 | 50 | | | |
| NDK-100 | 100 | | | |
| NDK-150 | 150 | | | |
| NDK-200 | 200 | | | |
| NDK-250 | 250 | | | |
| NDK-300 | 300 | | | |
| NDK-400 | 400 | | | |
| NDK-500 | 500 | | | |
| NDK-700 | 700 | | | |
| NDK-1000 | 1000 | | | |
| NDK-1500 | 1500 | | | |
| NDK-2000 | 2000 | | | |
| NDK-3000 | 3000 | | | |
| NDK-4000 | 4000 | | | |
| NDK-5000 | 5000 | | | |

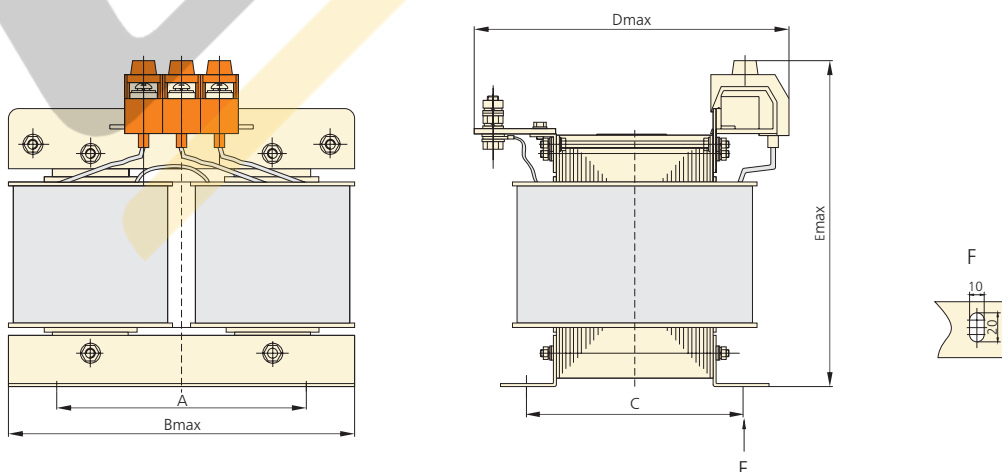
Note: Customized products are available.

6. Overall and mounting dimensions

NDK-25~1000



NDK-1500~5000

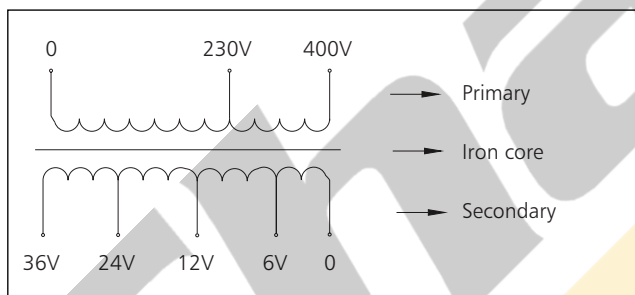


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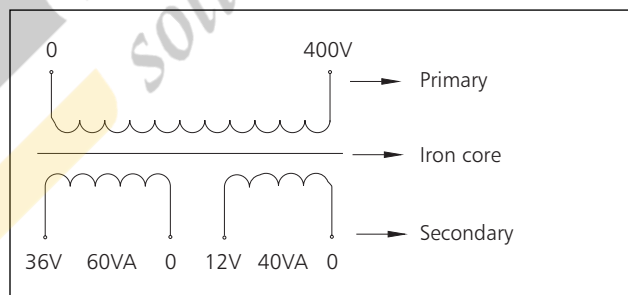
| Model | Mounting dimensions (A×C) (mm) | Mounting holes (K×J) (mm) | Overall dimensions (B×D×E) (mm) |
|----------|-----------------------------------|------------------------------|------------------------------------|
| NDK-25 | 62.5×50 | 5×8 | 80×80×82 |
| NDK-50 | 70×58 | 6×10 | 85×83×84 |
| NDK-100 | 85×64 | 6×10 | 103×87×99 |
| NDK-150 | 85×72 | 6×10 | 103×93×99 |
| NDK-200 | 85×83 | 6×10 | 103×105×99 |
| NDK-250 | 100×80 | 8×11 | 130×120×150 |
| NDK-300 | 100×84 | 8×11 | 130×125×150 |
| NDK-400 | 110×114 | 8×11 | 148×155×153 |
| NDK-500 | 110×114 | 8×11 | 148×155×153 |
| NDK-700 | 125×99 | 8×11 | 173×158×174 |
| NDK-1000 | 125×123 | 8×11 | 173×186×174 |
| NDK-1500 | 160×120 | 10×20 | 265×195×265 |
| NDK-2000 | 160×130 | 10×20 | 265×205×275 |
| NDK-3000 | 160×140 | 10×20 | 265×220×305 |
| NDK-4000 | 190×180 | 10×20 | 315×260×305 |
| NDK-5000 | 190×180 | 10×20 | 315×260×305 |

7. Wiring

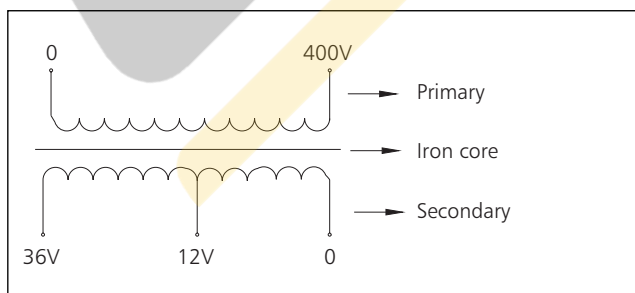
7.1 NDK-100, capacity: 100VA, input 400V 230V, output 36V 24V 12V 6V



7.2 NDK-100, capacity: 100VA, input 400V, output 36V; capacity 60VA 12V; capacity 40VA



7.3 NDK-100, capacity: 100VA, input 400V, output 36V 12V



7.4 NDK-100, capacity: 100VA, input 400V, output 36V

