

BK

Series Control Transformer

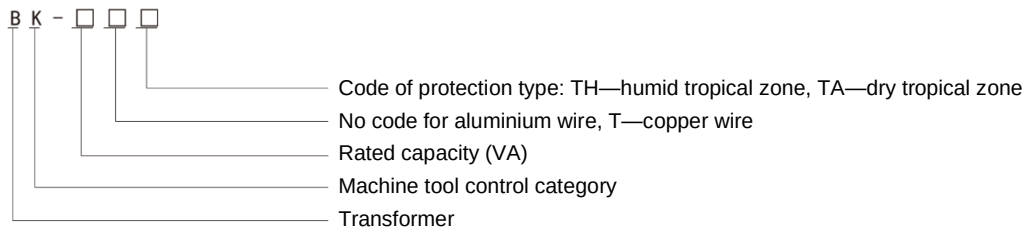


I. Scope of Application

The BK Series Control Transformer is suitable for the circuits with AC 50–60 Hz and voltage up to 500 V, serving as the control of general electrical appliances in various machine tools and mechanical equipment, and the power supply of local lighting lamps and indicator lights. The product complies with JB/T5555.



II. Model Description

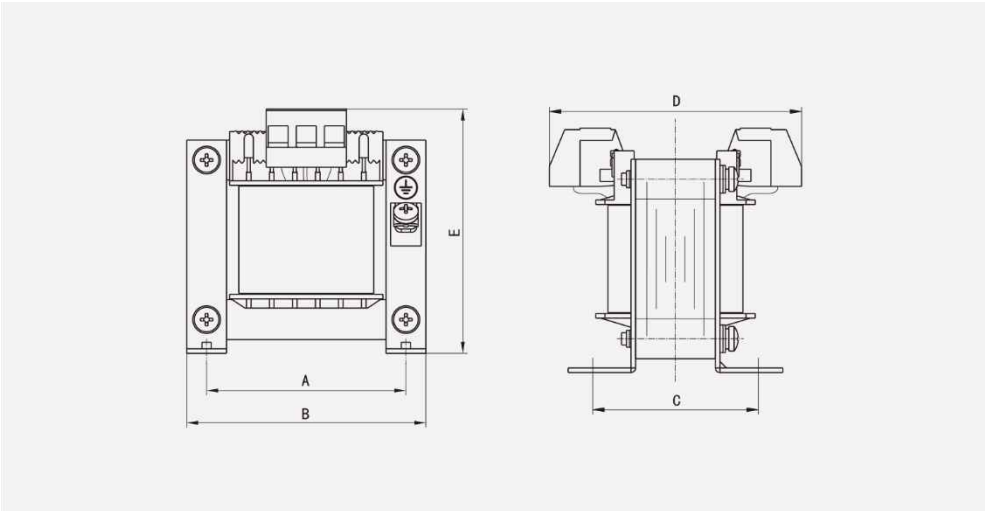


III. Normal Operating Conditions

- Altitude: Not higher than 2,500 m.
- Ambient air temperature: Not less than -25°C.
- Relative air humidity: The average maximum relative humidity of the wettest month shall not exceed 90%, and the average temperature of that month shall not exceed +25°C.
- The installation place shall have no significant shaking, impact or vibration.
- The installation medium shall have no exposure risks and no enough gas or conductive dust to corrode metals or destroy insulation.
- The installation place shall be protected from rain, snow and water.

IV. Outline and Installation Dimensions

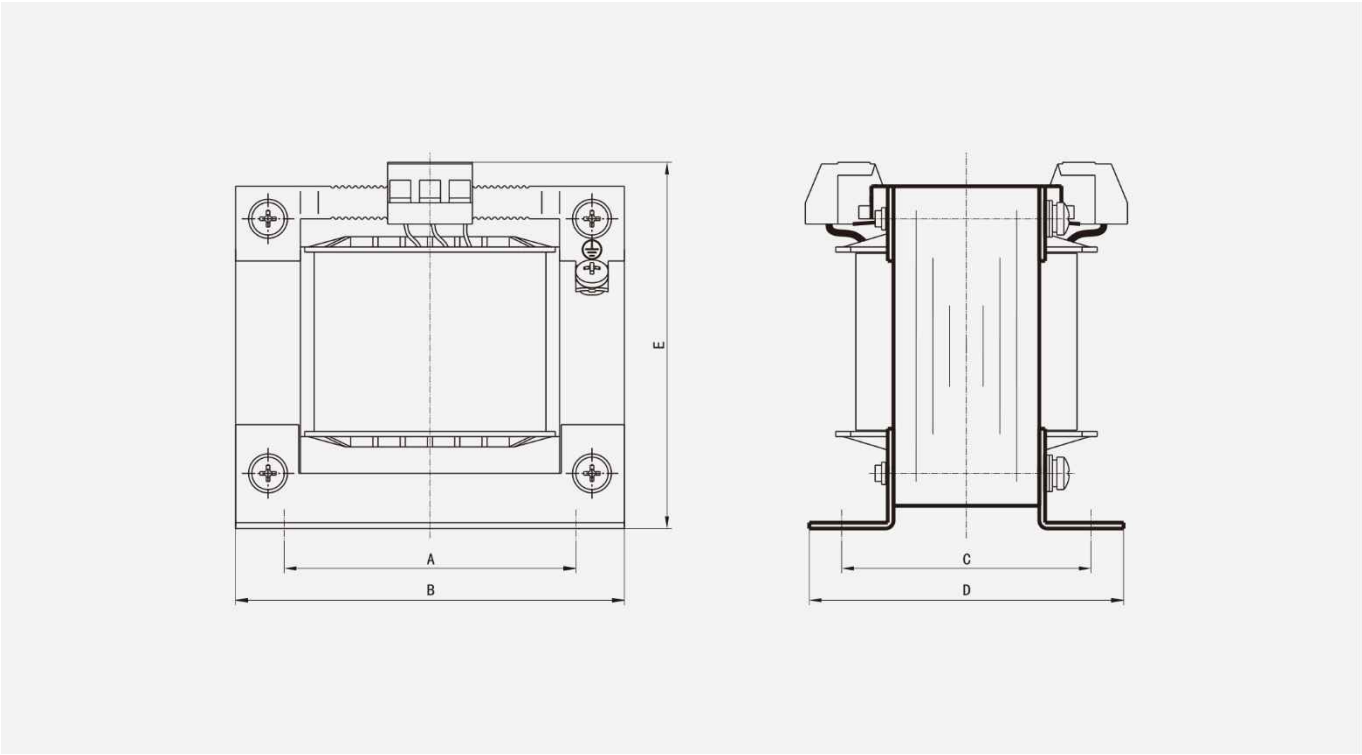
1. BK-25–250 Control Transformer



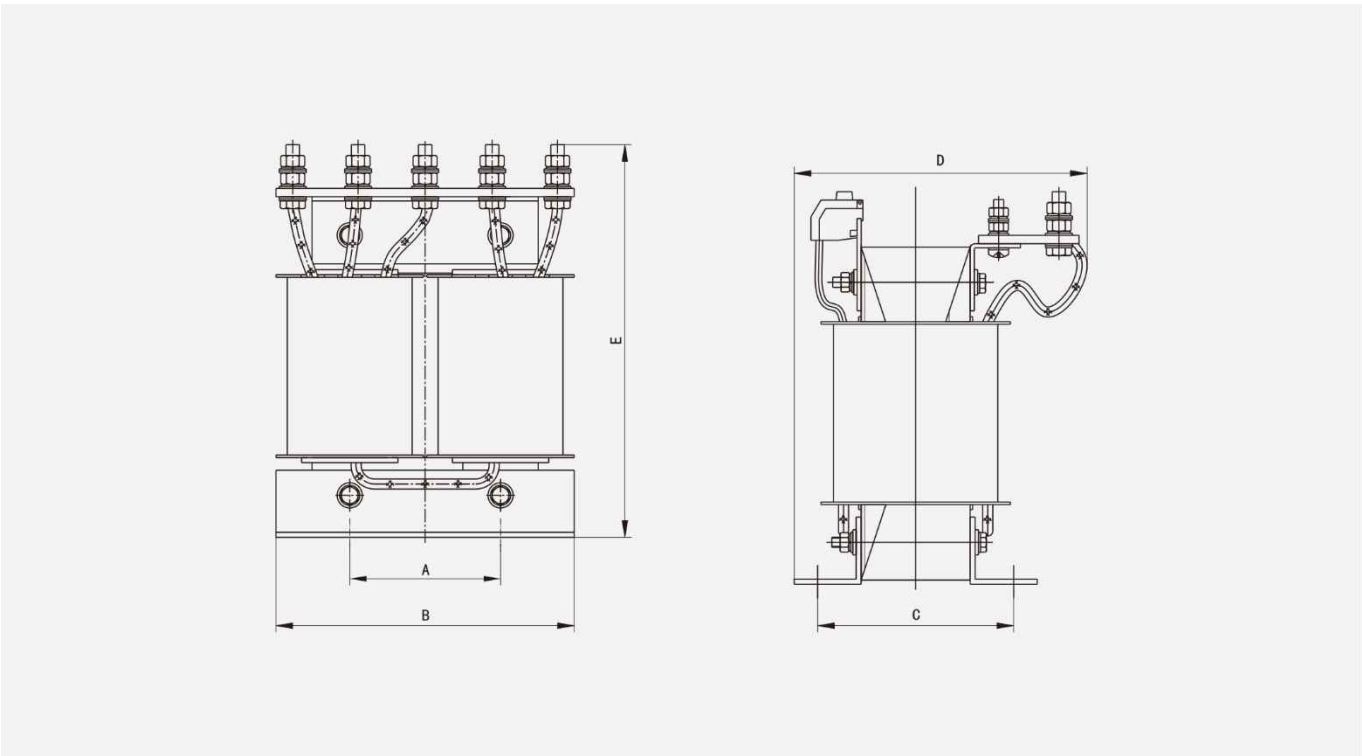
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Series Control Transformer

2. BK-300–1000 Control Transformer



3. BK-1500–5000 Control Transformer



A

Primary power distribution

B

Secondary distribution

C

Terminal power distribution

D

Industrial control and protection

E

power device

F

Power management

G

High voltage components

BK

Series Control Transformer

Outline and installation dimensions of the BK Series Control Transformer

Model	Primary voltage (V)	Secondary voltage (V)	Installation dimension (A × C)	Mounting hole	Outline dimension (B × D × E)
BK-25	220 380 Or based on the needs of users	6 12 24 36 110 127 220 380	65 × 55	5.5×10	78 × 83 × 80
BK-50			65 × 55		78 × 83 × 80
BK-100			85 × 59	6×10	102 × 86 × 98
BK-150			85 × 69		102 × 96 × 98
BK-200			85 × 74		102 × 101 × 98
BK-250			90 × 72	8×14	128 × 113 × 142
BK-300			90 × 77		128 × 118 × 142
BK-400			110 × 99	8×26	146 × 156 × 142
BK-500			110 × 99		146 × 156 × 142
BK-700			125 × 92	8×22	171 × 151 × 165
BK-1000			125 × 112		171 × 171 × 165
BK-1500			90 × 115	11×25	180 × 125 × 240
BK-2000			100 × 115		200 × 200 × 270
BK-2500			100 × 115		200 × 200 × 270
BK-3000			100 × 122		200 × 210 × 290
BK-4000			120 × 136		240 × 220 × 310
BK-5000			120 × 146		240 × 230 × 310

Outline and installation dimensions of the BK-T Series Control Transformer

Model	Primary voltage (V)	Secondary voltage (V)	Installation dimension (A × C)	Mounting hole	Outline dimension (B × D × E)
BK-25T	220 380 Or based on the needs of users	6 12 24 36 110 127 220 380	65 × 55	5.5×10	78 × 83 × 80
BK-50T			65 × 55		78 × 83 × 80
BK-100T			85 × 59	6×10	102 × 86 × 98
BK-150T			85 × 69		102 × 96 × 98
BK-200T			85 × 74		102 × 101 × 98
BK-250T			85 × 79	7×12	102 × 106 × 98
BK-300T			90 × 77		120 × 98 × 113
BK-400T			110 × 78		132 × 103 × 124
BK-500T			110 × 83		132 × 108 × 124
BK-600T			125 × 85		150 × 115 × 140
BK-700T			125 × 95		150 × 125 × 140
BK-800T			125 × 95	11×25	150 × 125 × 140
BK-1000T			125 × 100		150 × 130 × 140
BK-1500T			90 × 115		180 × 125 × 240
BK-2000T			100 × 115		200 × 200 × 270
BK-2500T			100 × 115		200 × 200 × 270
BK-3000T			100 × 122		200 × 210 × 290
BK-4000T			120 × 136		240 × 220 × 310
BK-5000T			120 × 146		240 × 230 × 310