

QDTB® TRANSFORMER

BK

Single Phase Transformers

PRODUCT DATASHEET

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BK — Series Overview

The BK series single-phase control transformers are widely used for machine tool control circuits and signal lighting power supply. Available in 25VA to 5000VA ratings.

Key Features

- Rated capacity 25VA-5000VA
- Input voltage 220V/380V
- Multiple output voltage taps
- IP00 protection class

Typical Applications

- Machine tools
- Automation equipment
- Control panel power supply
- Signal lighting

Model Number Breakdown

B — Transformer

K — Control

Model Specifications

14 model(s) in the BK series. Weight and dimensions are typical reference values, subject to confirmation.

Model	Rated Capacity	Input Voltage	Output Voltage	Frequency	Efficiency	Temp. Rise Limit	Impedance Voltage	Insulation Class	Weight (kg) †	Dimensions (L×W×H) †
BK-50VA	50 VA	≤1000V	Custom	50/60	≥85%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
BK-100VA	100 VA	≤1000V	Custom	50/60	≥85%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
BK-160VA	160 VA	≤1000V	Custom	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
BK-200VA	200 VA	≤1000V	Custom	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
BK-250VA	250 VA	≤1000V	Custom	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
BK-300VA	300 VA	≤1000V	Custom	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
BK-400VA	400 VA	≤1000V	Custom	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
BK-500VA	500 VA	≤1000V	Custom	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
BK-630VA	630 VA	≤1000V	Custom	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
BK-1000VA	1000 VA	≤1000V	Custom	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
BK-1500VA	1500 VA	≤1000V	Custom	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
BK-2000VA	2000 VA	≤1000V	Custom	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
BK-2500VA	2500 VA	≤1000V	Custom	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
BK-3000VA	3000 VA	≤1000V	Custom	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm

† Typical values, subject to confirmation. Final dimensions and weights are per factory GA drawings and routine test reports.

Standards & Certification

ISO 9001 Certified — Quality Management System
CE marking — available on selected models
Design and testing per IEC 60076, IEC 60076-11 (dry-type), IEC 61330 (substations), GB 1094 and related international standards.

Note: Certification details and test reports are provided upon request for the specific model and destination market.

Inquiry & Contact

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QDTB® guarantees a response within 24 hours on business days. Send your model, capacity, voltage and quantity for a detailed quotation.