

QDTB® TRANSFORMER

EM-Controller

Special/Isolation/Control Transformers

PRODUCT DATASHEET

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EM-Controller — Series Overview

The EMC series electromagnetic filters suppress conducted electromagnetic interference in control and power circuits, ensuring compliance with EMC standards. Compact dry-type construction with Class F insulation provides effective filtering for sensitive equipment.

Key Features

- Suppresses conducted EMI noise
- Improves electromagnetic compatibility
- Class F insulation, dry-type design
- Compact size for panel installation

Typical Applications

- Control system EMI filtering
- Sensitive electronic equipment
- Automation and instrumentation
- EMC compliance improvement

Model Number Breakdown

EM — Electromagnetic

C — Compatibility / controller

Model Specifications

4 model(s) in the EM-Controller series. Weight and dimensions are typical reference values, subject to confirmation.

Model	Rated Capacity	HV Voltage	LV Voltage	Cooling	Impedance (%)	Standard	Weight (kg) †	Dimensions (L×W×H) †
EMC-1	1	0.38 kV	0.22 kV	AN	5	GB/T 1094, IEC 60076	10 kg	140×130×150 mm
EMC-2	2	0.38 kV	0.22 kV	AN	5	GB/T 1094, IEC 60076	15 kg	170×150×180 mm
EMC-5	5	0.38 kV	0.22 kV	AN	5	GB/T 1094, IEC 60076	30 kg	220×190×230 mm
EMC-10	10	0.38 kV	0.22 kV	AN	5	GB/T 1094, IEC 60076	55 kg	280×240×290 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.