AUTOMATION & MOTION CONTROL DIVISION · SURETON GROUP

ICM-D3 Series Servo Drive

Model series: ICM-D3

Wide 200–500 VAC input, no transformer needed.

A compact drive that accepts anything from 200 VAC to 500 VAC, so one part number covers multiple grids and no step-down transformer is needed in the cabinet. Interpolation and multi-axis synchronisation over industrial Ethernet make it a good match for complex multi-axis machinery.



KEY FEATURES

- Ultra-wide 200 VAC – 500 VAC input voltage range
- Saves cabinet space — no transformer required
- Common DC bus, no braking resistor required
- Multi-axis synchronisation and interpolation over industrial Ethernet
- Ring or line network topology

TYPICAL APPLICATIONS

Multi-axis machine tools | Converting and web handling | Global equipment builds with mixed supply voltages

TECHNICAL DATA

Input voltage	**200 VAC – 500 VAC**
Transformer	**Not required**
DC bus	**Common DC bus**
Motion	**Multi-axis synchronisation and interpolation**
Network	**Industrial Ethernet, ring / line topology**

Sizing support included. Send us your cycle diagram, load table or CAD files and we will return an axis-by-axis selection proposal, bill of materials and commissioning plan — every enquiry is answered by an engineer within one business day.

COMPLIANCE AND DOCUMENTATION SUPPLIED

CE — EMC directive | CE — Low Voltage directive | UL listed assemblies | RoHS declaration | Declaration of conformity | 2D / 3D drawings | EPLAN macro | User manual | Firmware & parameter set

The full compliance pack and language-specific manuals are issued with the shipment and can be supplied before your design

freeze on request. Documentation is provided for the exporting entity, **Sureton Automation**.

Sureton Automation

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Sureton Automation, a division of Sureton Group. Technology and manufacturing partner: ICON Industrial (Beijing R&D, Jiaxing manufacturing, China). Sister division: Sureton Precision Manufacturing (https://sureton.cn). Technical data is indicative and continuously refined — please confirm the current revision before design freeze.