AUTOMATION & MOTION CONTROL DIVISION · SURETON GROUP

ICM-D7 Multi-Axis Drive System

Model series: ICM-D7

One rectifier, many inverters, one DC bus.

The ICM-D7 is a multi-axis drive family built from a unified rectifier unit feeding multiple inverter units on a shared DC bus. It serves machines with many drive points as well as continuous production lines, and the uniform-depth, uniform-height housings make installation and servicing straightforward.



KEY FEATURES

- Unified rectifier with multiple inverter units on a common DC bus
- Designed for machines with many drive points or continuous lines
- Uniform height and depth housings for simplified installation
- Shares braking energy across axes through the DC bus

TYPICAL APPLICATIONS

Continuous production lines | Multi-stand machinery | Energy-sharing multi-axis systems

TECHNICAL DATA

Architecture	**Common DC bus multi-axis system**
Composition	**1 × rectifier unit + N × inverter units**
Housing	**Uniform depth and height across the series**
Target applications	**Multi-drive machines, continuous production lines**

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

No.128, Jianzhong Section, Quanya Line, Quantang Town, Pinghu City, Zhejiang Province, China

Building 4, No. 18, Zhujiacun Road, Puzhuang, Linhu Town, Wuzhong District, Suzhou City, Jiangsu Province, China

Contact

service@sureton.cn
+86 (573) 8580 1258
WhatsApp +86 179 0173 1609
Mon–Fri 8:00–17:00 (GMT+8) · Sat–Sun 12:00–18:00 · GMT+8

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.