AUTOMATION & MOTION CONTROL DIVISION · SURETON GROUP

ICF-H Series Variable Frequency Drive

Model series: ICF-H

The high-end duty version of the ICF platform.

The ICF-H answers the strictest requirements in high-end industrial automation. Vector control, wide-range speed regulation and redundant ring Ethernet networking come together for complex processes where an unplanned stop is expensive.



KEY FEATURES

- Advanced vector control for wide-range speed regulation
- Optimised V/f control for efficient operation under any load
- Dual-port Ethernet with ring, line and star topology support
- Redundant ring network for high availability
- Engineered for high-end industrial automation duty

TYPICAL APPLICATIONS

Process lines | Heavy-duty conveying | Continuous production equipment

TECHNICAL DATA

Control	**Advanced vector control**
Auxiliary control	**Optimised V/f algorithm**
Network module	**Dual-port Ethernet**
Topologies	**Ring, line, star**
Redundancy	**Redundant ring supported**

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.