AUTOMATION & MOTION CONTROL DIVISION · SURETON GROUP

ICF-C Series Variable Frequency Drive

Model series: ICF-C

Vector control with redundant Ethernet rings.

Built for demanding industrial automation duties. Advanced vector control gives a wide speed range, and the optimised V/f algorithm keeps motors efficient across changing load conditions. A dual-port Ethernet module supports ring, line and star topologies with redundant ring capability for network resilience.



KEY FEATURES

- Advanced vector control technology for wide-range speed regulation
- Optimised V/f control algorithm for efficiency under varying loads
- Dual-port Ethernet module with ring, line and star topology support
- Redundant ring networking for advanced network resilience
- Optimised data communication across the drive network

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.

TYPICAL APPLICATIONS

Pumps and fans · Conveyors · Extruders and mixers

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.