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iC2-MICRO

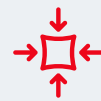
COMPACT. RELIABLE.
BUILT TO PERFORM.

Next-Generation
Variable Speed Drive
for Industrial
Applications



ONE DRIVE.
**COUNTLESS
POSSIBILITIES.**

The compact, easy-to-use drive design for reliability energy efficiency and effortless performance in a wide range of industrial applications.



**Compact
Design**



**Easy Setup &
Commissioning**



**Energy
Efficiency**



**Reliable
Performance**

Provided by Sonepar Thailand, the authorized distributor for Danfoss in Thailand, we are equipped to handle a diverse array of industrial applications:



PUMPS



FANS



CONVEYORS



**PACKAGING
MACHINES**



**MATERIAL
HANDLING**



AND MORE

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DANFOSS INVERTER IC2

THE COMPACT AND FLEXIBLE DRIVE



PRODUCT OVERVIEW

This quality general-purpose drive is a perfect match for a wide range of applications. iC2-Micro performs with unsurpassed reliability even in complex applications. It gives you user-friendliness, condensed functionality, and easy commissioning, all in a powerful compact package.



NEXT GENERATION



More compact, intelligent, and powerful than its predecessor, the iC2-Micro now succeeds VLT® Micro Drive FC 51. This reliable and durable drive is also even easier to use and install. You can reduce system complexity and cost whilst maintaining full performance



Compact Design

Up to 70 mm narrower saves panel space and reduces system cost.



Easy Setup & Commissioning

User-friendly interface and quick installation for faster start-up.



Energy Efficiency

Optimized motor control reduces energy consumption and operating costs.



Reliable Performance

Built for reliability with advanced cooling and protected PCB coating.



Versatile Applications

One drive for a wide range of industrial processes.

APPLICATIONS

One drive, many industries, limitless potential.



PUMPS

Consistent flow and pressure control with high efficiency.



FANS

Precise airflow control for improved comfort and energy savings.



CONVEYORS

Smooth and reliable material movement for any system.



PACKAGING MACHINES

High-speed accuracy and dependable performance.



COMPRESSORS

Stable operation and optimized energy consumption.



MATERIAL HANDLING

Boost productivity with precise speed and torque control.



MIXERS

Consistent output and process stability for every batch.



TEXTILE MACHINERY

Reliable performance for continuous operation.

Danfoss

DANFOSS INVERTER IC2

PRODUCT RANGE OVERVIEW

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SINGLE PHASE

200 - 240 VAC
0.37 - 2.2 kW



THREE PHASES

200 - 240 VAC
0.37 - 11 kW



380 - 480 VAC
0.37 - 22 kW



Power Range	0.37 - 2.2 kW	0.37 - 11 kW	0.37 - 22 kW
Voltage Range	200 - 240 VAC (1 Phase)	200 - 240 VAC (3 Phase)	380 - 480 VAC (3 Phase)
Installation	Wall Mount		Wall Mount & Panel Mount

ENGINEERED FOR PERFORMANCE. BUILT FOR REAL-WORLD DEMANDS.



MORE COMPACT LOWER PANEL COST

Up to 70 mm narrower, helping save cabinet space and reduce system cost.



FULL PERFORMANCE AT HIGH TEMPERATURE

Runs at **50°C** at full load - no derating, no oversizing, no extra cooling needed.



LONGER MOTOR CABLE WITHOUT ISSUES

Supports up to **70 m** cable length without EMC interference, giving more flexibility in installation.



BUILT FOR RELIABILITY IN REAL CONDITIONS

- Intelligent back-channel cooling → better heat management
- 3C3 PCB coating → protection in harsh environment



EASY SETUP & OPERATION

Intuitive interface and smart functions for faster setup, quicker start-up and less downtime.



ENERGY SAVINGS

Optimized motor control reduces energy use and lowers total operating cost.

WHY BUY FROM SONEPAR THAILAND?

AUTHORIZED DISTRIBUTOR OF DANFOSS DRIVES



AUTHENTIC PRODUCT

100% genuine direct from official source



READY STOCK AVAILABILITY

Wider range in stock for fast delivery



EXPERT TECHNICAL SUPPORT

Pre-sales, application support and after-sales assistance you can rely on



TRAINING & KNOWLEDGE

Product training and technical knowledge from Danfoss experts



RELIABLE PARTNER YOU CAN TRUST

Committed to your success with long-term support



LET'S POWER YOUR BUSINESS TOGETHER

Contact us today for more information or a solution that fits your application.

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