

Welcome to the SPS/IPC/DRIVES/

We look forward to meeting you



Dear Sir / Madam,

The year 2008 was a special one: Danfoss celebrated its 75 year anniversary! We now have the last chance at the SPS/IPC/DRIVES. Visit us in Hall 1, Booth 358.

In 1933 Danfoss supplied the first valve for refrigeration. Since then a multitude of new products and innovative solutions have been added: all with the target, to make your life easier and at the same time sinking the need for energy and resources. Our environment should remain worth living in.

Experience a complete range of new and proven solutions for a gentle handling of energy and environment. Improved energy efficiency is brought to you by new motor technology in form of the permanent magnet motor HygienicDrive™ from Danfoss Bauer. You can experience with VLT® Antriebs-technik the new VLT® MCD 500, a soft starter of the upper class along with the VLT®-Frequency Inverter.

You can also benefit from intelligent products!

The Danfoss Trade Fair Team

Di Mi Do

Dirk Arthen	■	■	■
Axel Bohlender	■	■	■
Peter Bohlender	■	■	■
Peter Bohni	■	■	■
Stefan Desch	■	■	■
Erik Eifert	■	■	■
Peter Ferlinger	■	■	■
Heinz Fuchslocher	■	■	■
Bernd Gleißner	■	■	■
Peter Grotz	■	■	■
Niko Hanke	■	■	■
Peter Hartmann	■	■	■
Frank Jüngst	■	■	■
Friedrich Kelnhofer	■	■	■
Johann Kisch	■	■	■
Siegfried Lang	■	■	■
Peter Leinberger	■	■	■
Michael Müller	■	■	■
Andreas Schreitmüller	■	■	■
Werner Schwab	■	■	■
Gerhard Vogel	■	■	■
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Welcome to the  
SPS/IPC/DRIVES/

Elektrische Automatisierung  
Fachmesse & Kongress

Nürnberg, 25. - 27. Nov. 2008

## A single frequency inverter for all motor types

The new energy efficiency class for motors, which will come into effect in 2009, make it beneficial to introduce and use permanent magnet motors more strongly. The motors are robust, energy saving and build smaller than the standard asynchronous motors in the same power range. Danfoss supports this development with its new modular VLT® frequency inverters, which through its "One Drive" concept can control not only standard motors but also permanent magnet motors – and this even without encoder feedback. The user has the advantage that they can rest on proven technology and planning and training time together with spare parts storage stay within manageable levels. This has a positive effect on costs.



## Super Premium Efficiency with HygienicDrive™

Danfoss Bauer concentrates more intensified on „Application Motors“. Of very special significance in the future are also energy efficient motors according to the new efficiency classes. Alongside the proven asynchronous geared motor range, the development of permanent magnet motors has been advanced leading to the HygienicDrive™, an EHEDG certified compact geared motor. Its new design predestines it for use on transport and conveyor systems but also for use in machines and plants. As permanent magnet motor the HygienicDrive™ fulfils the upcoming Super Premium Efficiency Class IE4. The character of the motor allows for a significant reduction in the variations.



## New soft starter with extensive functionality – VLT® MCD 500

Danfoss presents for the first time on the SPS/IPC/Drives the new VLT® MCD 500 soft starter. The successor to the proven MCD 3000 controls motors in the range from 7 to 800 kW. It builds compacter as its predecessor and comes complete with a graphical display for a simple and intuitive operation. Furthermore, Danfoss has improved the functionality for a more comprehensive motor and system protection. Altogether the VLT® MCD 500 guarantees a reliable duty – also under adverse conditions. See for yourself the extensive features of the new, digital soft starter.

