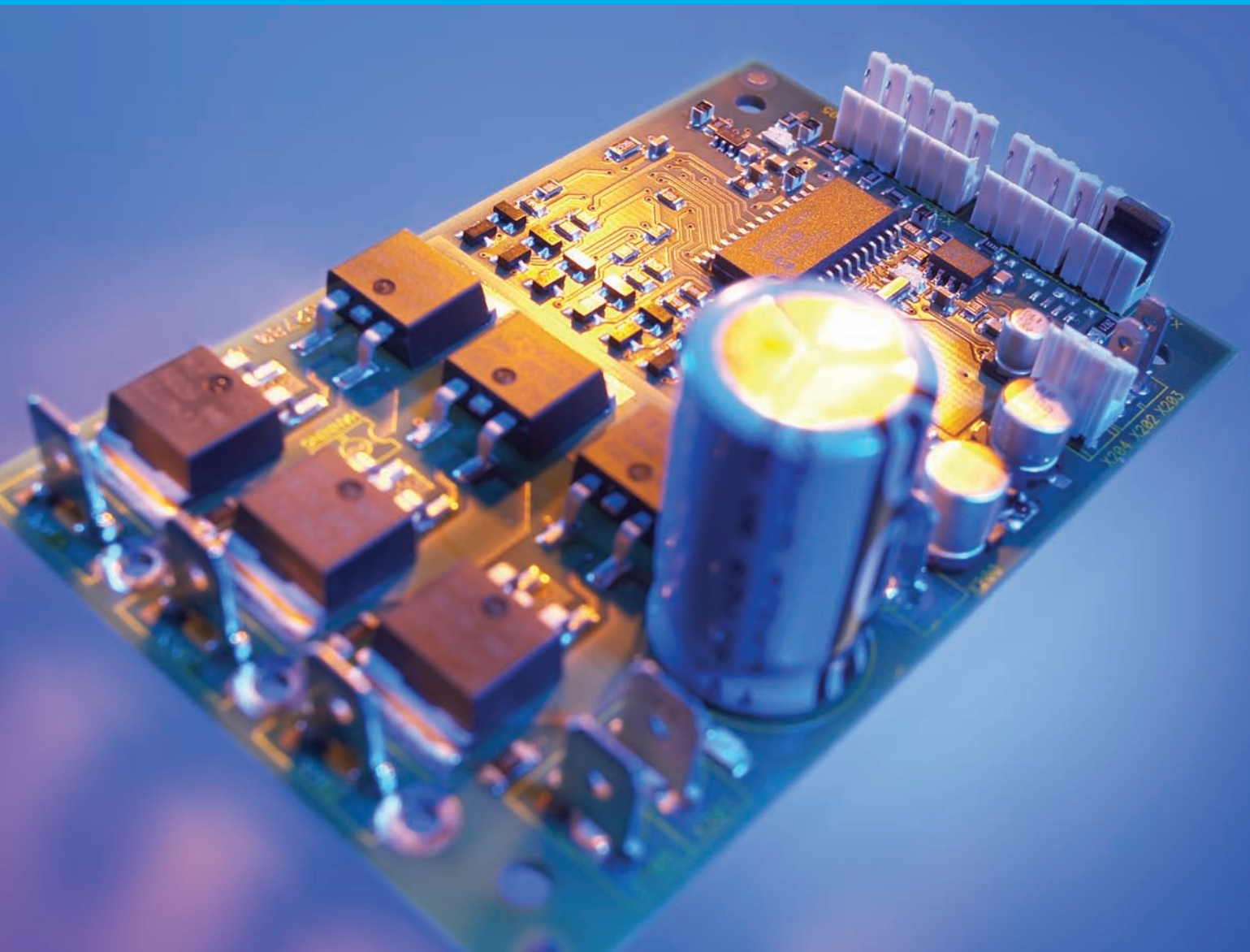


# FREQUENCY INVERTER

DC-FI low voltage frequency inverter



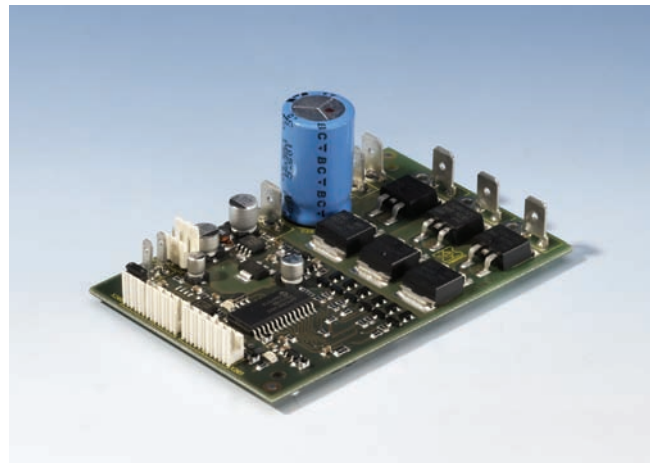
# freely programmable – individually controllable

## DC-FI low voltage frequency inverter

The DC-FI is a low-voltage frequency inverter for controlling three-phase asynchronous motors. It can be used with any HANNING linear actuator, lifting columns and low-profile gearboxes with low-voltage three-phase winding.

The new speed-variable drive system is used in applications which require powerful, dynamic and intelligent drives with positioning functionality.

The DC-FI and the corresponding drive are controlled via CAN bus. Alternatively it is also possible to work with an analogue control system. The bus system allows communication between inverter and customer-specific control system and ensures that values such as temperature, position and speed are continually monitored. Additional functions like start-ramp (e.g. soft-start), stop-ramp (e.g. soft-stop) or motor-potentiometer functions can be easily set.



### Equipment

- Acceleration and brake response freely programmable
- S-ramp function
- Positioning control
- Manual speed control
- Thermal monitoring of motor and inverter
- Soft-start
- PI controller technology function
- Switching frequency 8 or 16 kHz
- DC brake
- Delta boost for high breakaway torques

### Technical data

Operating voltage	36 V DC (24 V DC on request)
Operating current	Max. 12 A
Stall current	Approx. 40 mA
Output current	Max. 26 A
Frequency	10 - 200 Hz

### Dimensions

### L x W x H

Assembled board	90 x 59 x 30 mm
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## Motor performance freely programmable



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Printed in Germany · Subject to technical alterations · DC-FI/E/1.10/PDF

## The matching solution for every task

HANNING offers a wide range of electrical and electronic drive components such as three-phase and AC motors, linear actuators, radial blowers, drain and circulation pumps and frequency inverters.

The individual designs of all components as well as HANNING's comprehensive engineering know-how ensure best solutions for drive requirements.

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