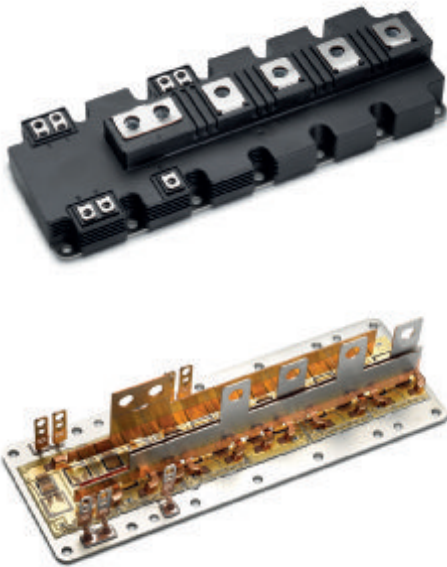


# Danfoss Bond Buffer P3



## Features

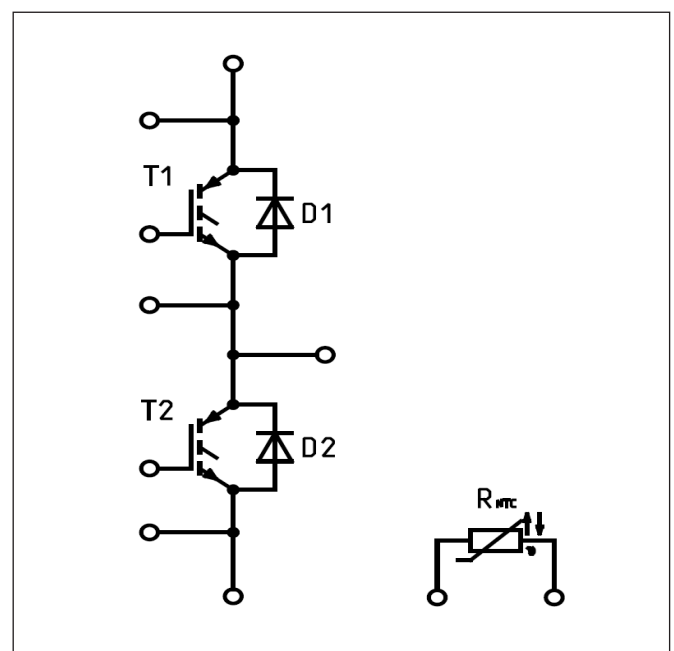
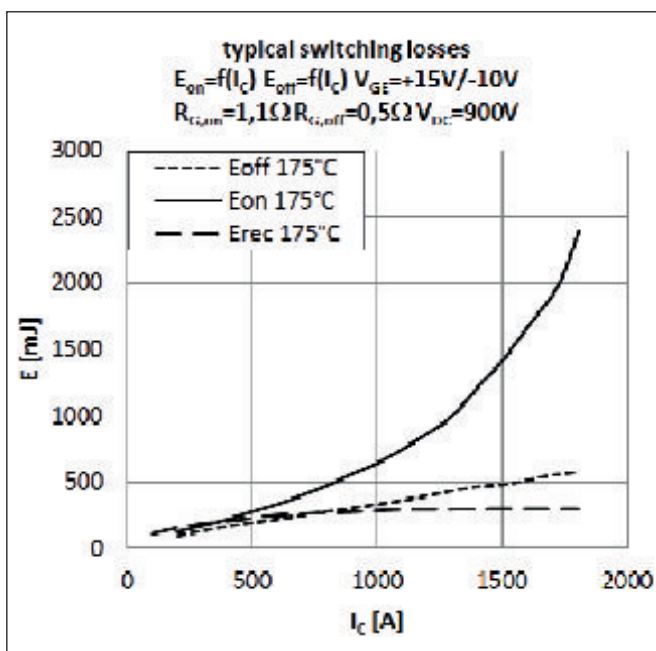
- Junction temperature up to 175 deg C
- P3 IGBT half bridge module 1000A/1700V
- Sintered semiconductors and copper wires
- High power cycling capability
- NTC temperature sensor
- Ready for ShowerPower®
- Up to 15 times higher lifetime
- Increase power output up to 30%
- Low stray inductance
- High power density
- Soft switching diodes
- Easy paralleling
- Designed for harsh environments
- Multiple semiconductor sourcing
- Industry standard housing
- Possible to sinter passive components
- Other topologies, voltage power classes possible

## Applications (examples)

- Motor drives
- Active frontend
- Solar central inverter
- Wind turbine
- UPS
- Traction

## Types

- DP 1000B1700TU 103730



# Danfoss Silicon Power

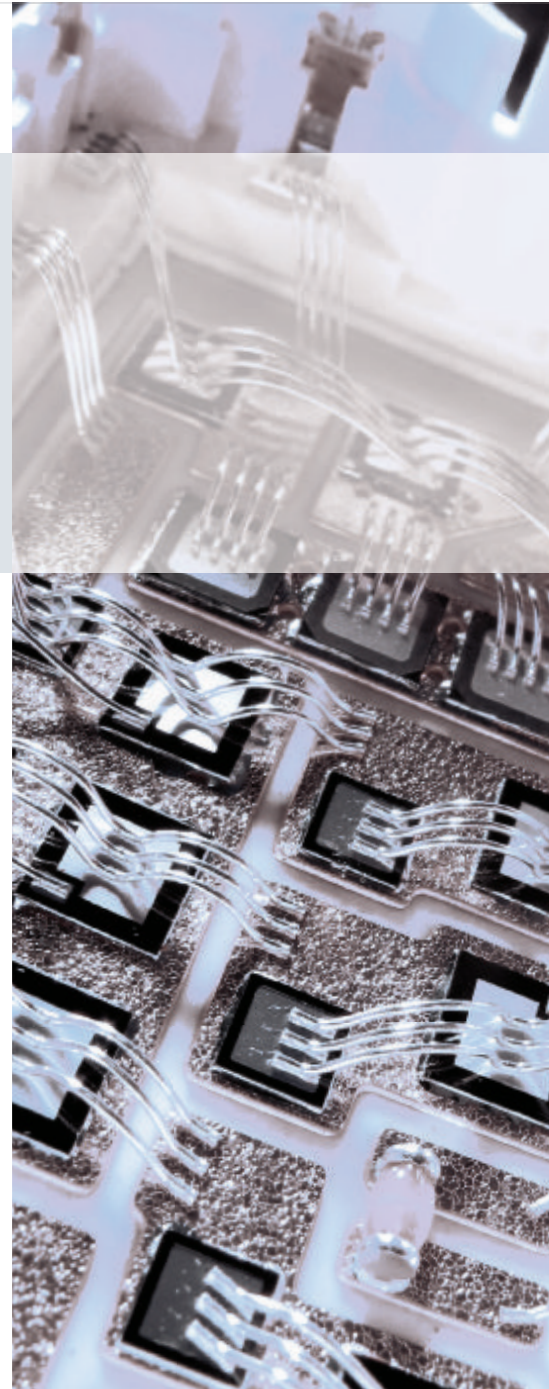
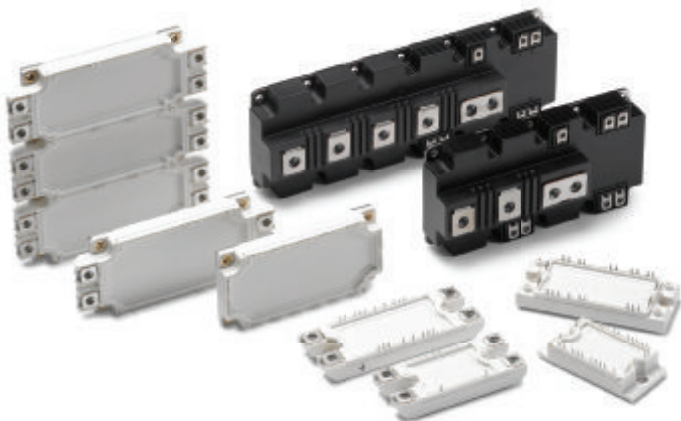
Based in Flensburg, Germany, Danfoss Silicon Power is a leading developer of customer specific IGBT and MOSFET modules and power stacks for power intensive applications.

Our power modules and power stacks are a preferred choice in demanding automotive and wind power applications and a wide variety of industrial applications.

Our 35,000 m<sup>2</sup> research, development and production facility is certified according to ISO 9001, ISO/TS 16949, ISO 14001, ISO 50001 and OHSAS 18001. This enables us to quickly transfer development projects to high volume

production that can be integrated seamlessly into our customers' supply chain with full focus on quality.

Danfoss Silicon Power is a subsidiary of the Danfoss Group, the largest industrial company in Denmark. Danfoss employs more than 24,000 people in 100 countries within development, production, sales and support.



**Danfoss Silicon Power GmbH**, Husumer Strasse 251, 24941 Flensburg, Germany, Tel. +49 461 4301-40, Fax +49 461 4301-4310  
[www.siliconpower.danfoss.com](http://www.siliconpower.danfoss.com), E-mail: [dsp-sales@danfoss.com](mailto:dsp-sales@danfoss.com)

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