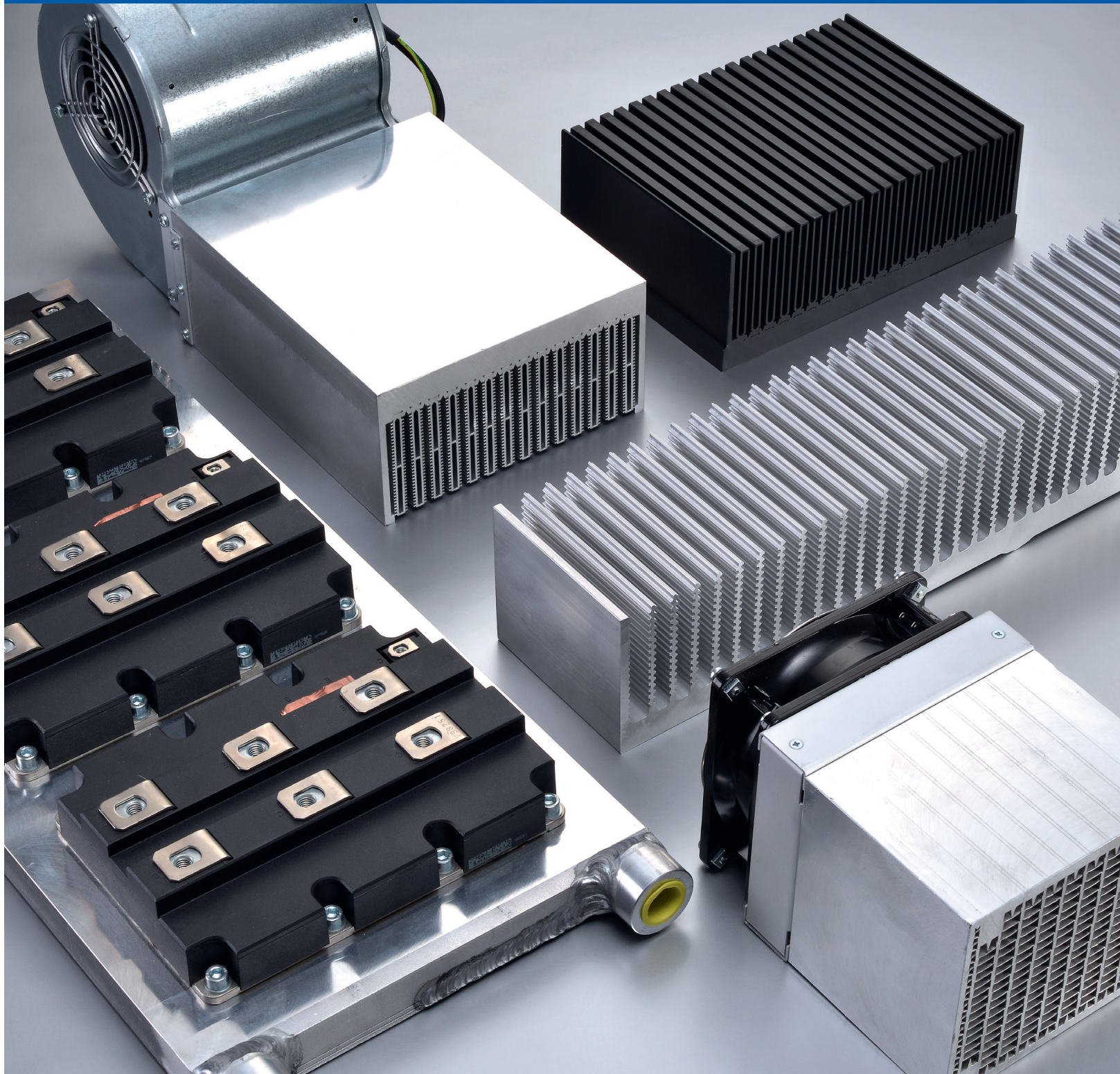


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to cool to protect to connect



 made
in
Germany



ISO 9001
ISO 14001
ISO 27001

Customer-specific solutions for wind power and photovoltaics



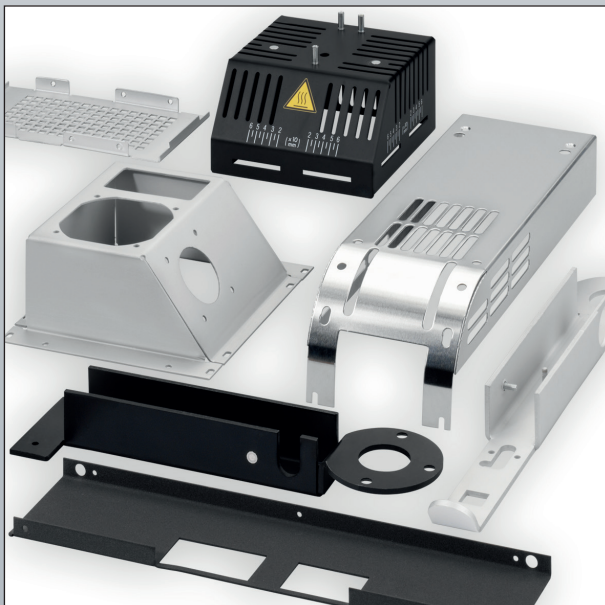
Treatment of heatsinks

- standard heatsinks or special profiles for your specific application
- future-oriented storing of heatsink profiles in a fully automatic honeycomb storage system
- most modern CNC machining centres for highest quality demands and precision
- lot size optimized production process, prototype construction and pilot runs



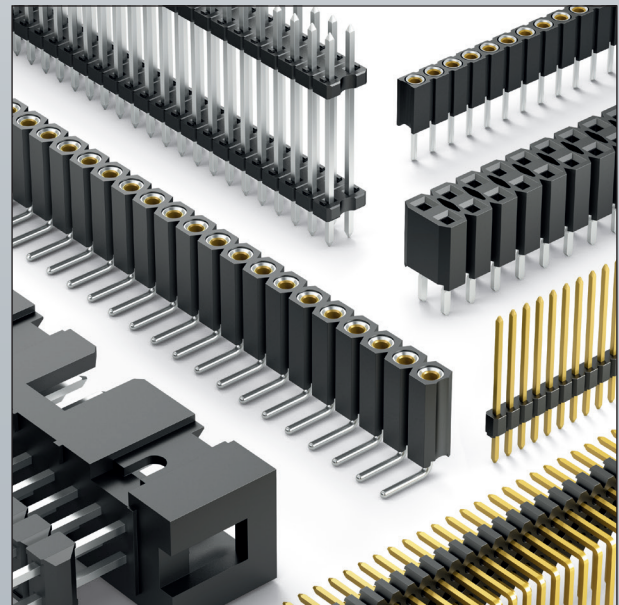
Thermal management

- passive cooling for IGBT modules by using high performance heatsinks with high precision milled flat mounting surfaces
- fluid heatsinks for high power modules up to 6000W
- high-performance cooling aggregates with air flow optimized hollow-fin geometry
- software based thermal simulation



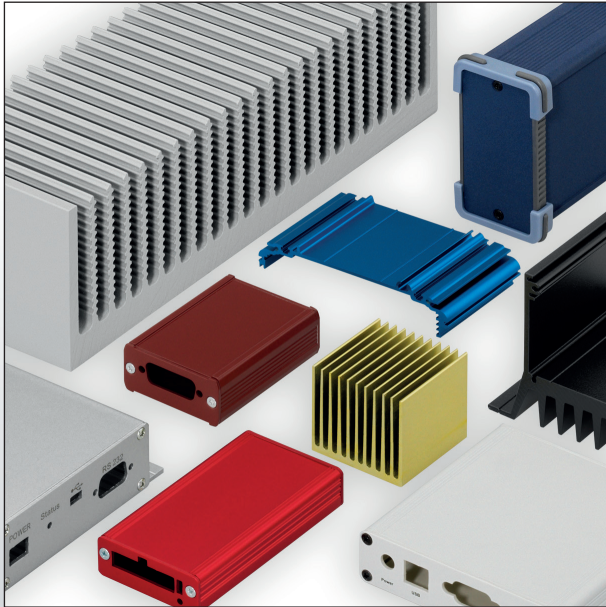
Cases and sheet metal forming

- multifunctional choice of aluminium cases for adoption of PCBs and non-standard devices
- EMC conform constructions, various IP protection classes
- efficient sheet metal forming by means of most modern CNC milling-, punching and bending machines
- production made with aluminium-, steel- or stainless steel sheets
- in-house silk screen printing plant



Connectors

- PCB connectors in SMD-, soldering and press-in technics, D-Sub and IDC-connector, precision sockets and female multipoint connectors
- individual packaging forms for automatic assembly
- grid spacings in 1 mm, 1.27 mm, 2 mm and 2.54 mm
- number of contacts, length of contacts, versions and special designs according to customer requirements



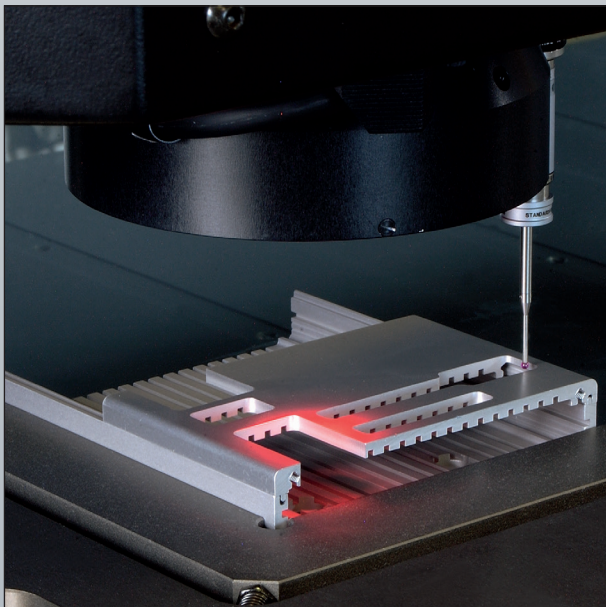
Surface coatings

- production of non-corrosive aluminium oxide coatings in fully automatic in-house equipment
- black/natural colour anodised, customer-specific colours
- transparent passivated electrical conductive surfaces, chromate VI free
- varnishing in all current RAL-colours, Nextel®-Suede coating
- structured hard-wearing powder-coatings



Development and constructions

- reliable partner with 40 years of experience in heat dissipation of electronic components, connectors and cases
- innovative product development, product-specific support by application engineers
- feasibility studies and customer-specific product optimisations
- coverage of perspective technical market demands



Quality management according to DIN EN ISO 9001

- open and consistent quality policy, continuous further development of the implemented processes of the QM for a methodical enhancement of customer satisfaction, product- and company performance
- continuous advanced training of the staff to comply with the quality targets and company guidelines
- quality according to customer requirements and specifications



Environmental management according to ISO 14001

- power generation through in-house photovoltaic system, 300 m² roofage, output 27,28 kWp, avoidance of emissions of 370 t CO₂ calculated on a basis of 20 years
- 20 % energy saving each due to speed-controlled screw-type compressors and up to date lighting engineering in the place of production
- sulphuric acid recycling and water economisation due to rinsing water treatment from the anodising baths

Please send us:



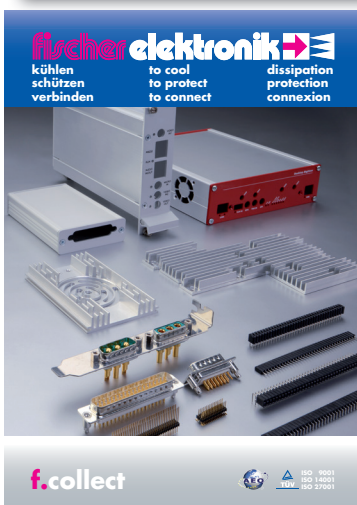
- Catalogue **f.cool**
Extruded heatsinks
LED-heatsinks
Cooling aggregates
Thermally conductive material



- Catalogue **f.case**
Cases
19" Technology
Test equipment



- Catalogue **f.con**
Sockets
Connectors
Brackets



- Slip case **f.collect**
for collecting
Fischer catalogues

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