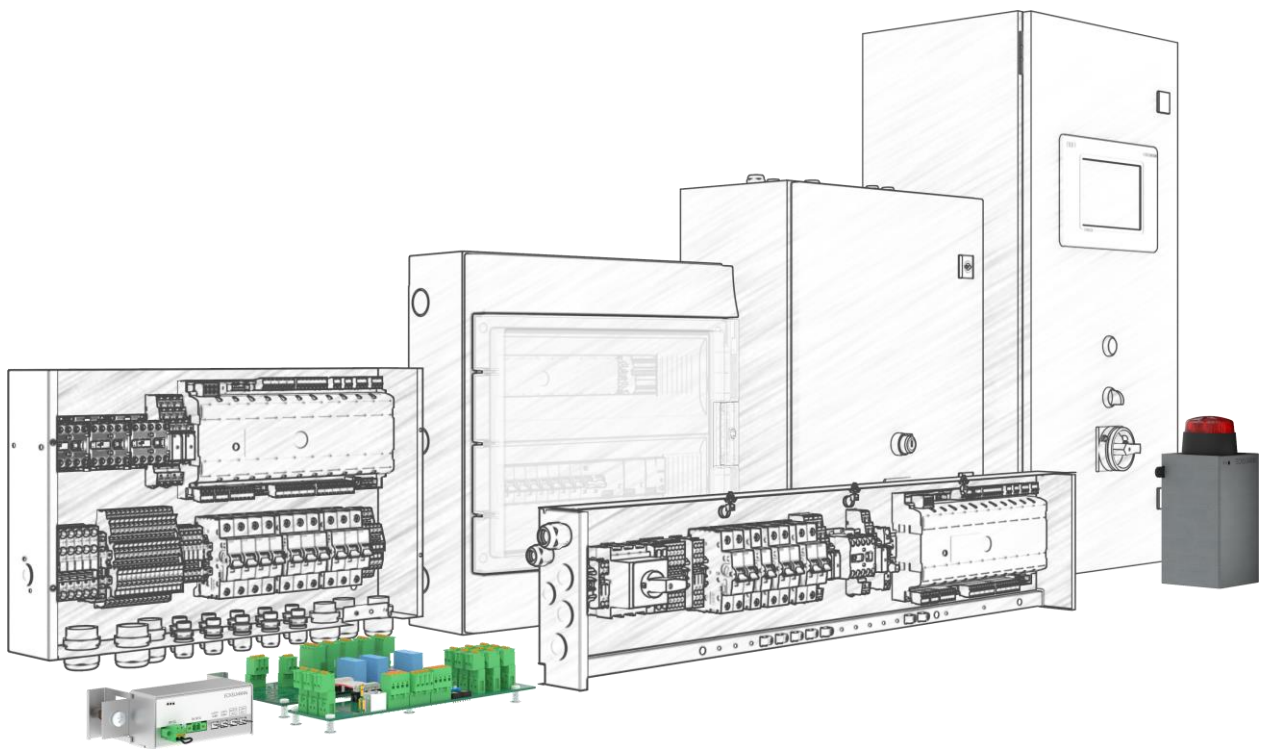
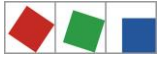




## Electrotechnical design

Customer specific devices and cables  
from idea to final product



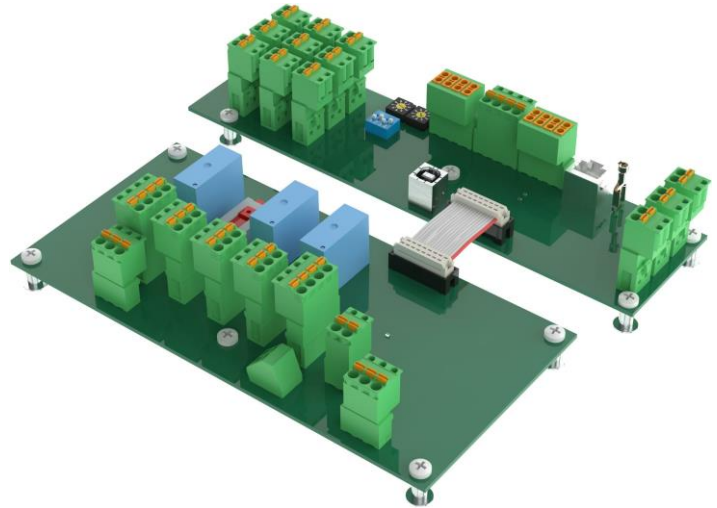


## Customer specific devices and cables

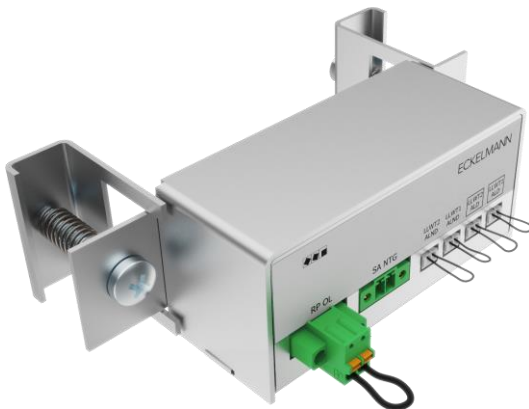
You can rely on our many years of experience in electrical design.

We specialized in the realization of customer specific projects and do the complete mechanical as well as the electrical construction for you from start to end. On your wish, we can label all products with your brand or create the wiring diagrams according to your corporate design.

On request, we would be pleased to produce highly customized devices, controls and cables, even for small series.



## Customized PCBs

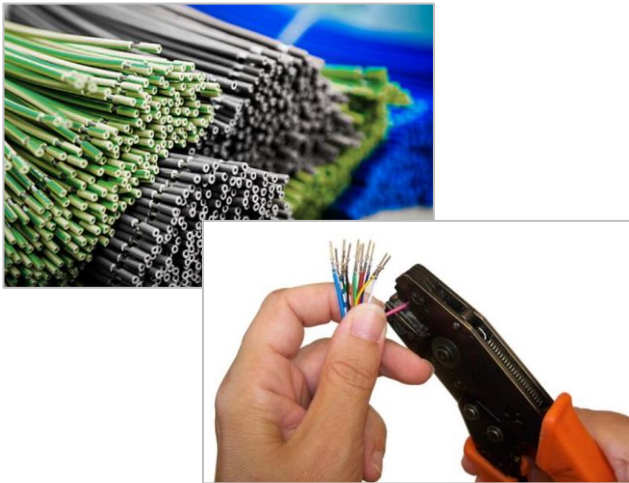
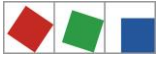


We plan and design your products with EPLAN P8 and the latest 3D-tools and can thus optimize the preliminary planning and the manufacturing process.

Our well-trained team complements the assembly on modern manual workstations. As a result, mixed assemblies with SMD components are also possible. Through the additional THT-assembly we are able to handle many different electronic components quickly and reliably. The right mechanical soldering technology supports the THT-production efficiently, precisely and safely.

Lean production processes and certified quality management make our production internationally competitive

## Cable and harness production



We manufacture harnesses, cables and cable kits with modern machines – from individual pieces to cost-optimized large series.

Due to targeted pre-assembly, we are able to manufacture in all quantities quickly and efficiently and ship them worldwide

## Product and Quality Management

Our factory has been certified according to DIN EN ISO 9001 since 2008.

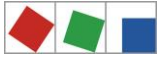
Automated test systems ensure efficiency and very high quality.

All products are tested using test and safety stations, and the results are recorded digitally as part of our quality management.

We are currently using:

- Semi-automated test stations for switch cabinets
- PE safety tester for PCB tests
- Automated test systems for testing cables and cable harnesses
- Test systems with insulation resistance and high voltage testing





## Our production site Eckelmann s.r.o. in Tvrdonice (Czech Republic)

We have been a competent partner for individual solutions and standardized controllers in the field of refrigeration technology for more than 40 years.

Our 80 employees produce modern electrical accessories on 1,800 m<sup>2</sup> of production and office space at the Tvrdonice site - from tailor-made individual pieces to cost-optimized OEM large series.



We design, manufacture and test your control components in the shortest possible time and ship them worldwide.

Our electrical design department based in Wiesbaden provides you with prompt support during the planning phase.

Our team is pleased to answer your questions.

Phone +49 611 7103-0 – call us!

Eckelmann Group – Source of inspiration

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Customer specific devices EN-V1.0  
Date January 2020  
We accept no responsibility for errors and reserve the right to make technical changes