

we invent solutions

we develop customized solutions from idea to production and beyond.

## Project details: Blinds control with access to the control system of the building

### Industries

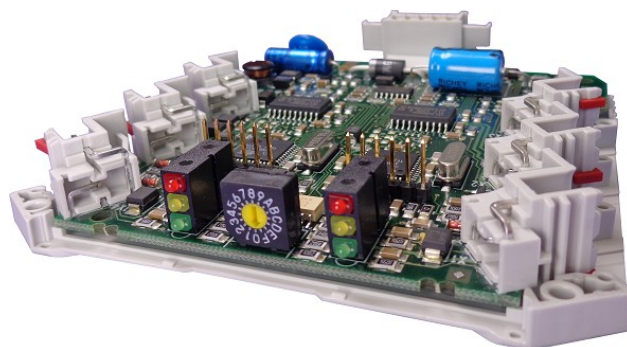
- Facility Management, Propulsion Technology

### Technology fields

- Propulsion Technology, Testing and Measuring Technology

### Project requirements

- The aim of the project was the development and production of a modular expandable controller in order to regulate 64 blinds motors simultaneously. Operation is via a building control system as well as manually via digital inputs (external push-button). The control unit is parametrized via a serial interface. In order to determine the exact position of the motors, an encoder is provided.



### Facts / Highlights

- Connection to the building control system via Modbus
- Control up to 64 motors simultaneously
- RS485 interface
- Encoder to determinate exactly the location of the motors
- Status display via 3-fold LED (red / yellow / green)
- Modular electronics housing with T-BUS connector

### Services of KNESTEL

- Potential analysis, target price estimate, project management, requirements specification, project planning, development of software and hardware, electrical and mechanical construction, EMC testing, prototyping, serial production

### Possible applications

- blinds / shutters
- garage doors
- window / skylight
- doors