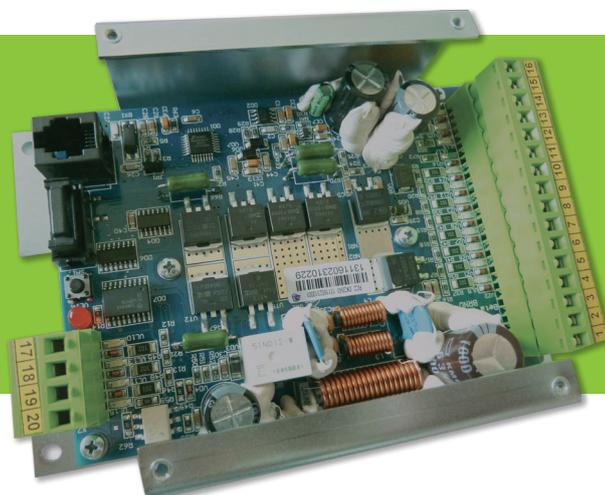


Programmable control systems

for the electric drives of vehicle doors

- Buses
- Trolleybuses
- Trams
- Trains
- Metro trains



Technical parameters of the units

- A wide range of operating and storage temperatures.
- A wide range of operating voltages.
- Short circuit and overload proof outputs.
- Two-state inputs – evaluated statically or dynamically.
- Encoder inputs.
- Communication via CAN, RS232, SPI and TTL interfaces.
- Units with the option of connecting CAN buses support full control via CAN, and can also be parameterized, diagnosed, their software can be updated via PC and also, for example, from the vehicle's central panel.
- Safety elements – protection of passengers against being crushed when getting on and off the vehicle, locking of the vehicle start if the doors are open, etc.

Service

- Simple and clear setting of parameters.
- Sophisticated event and fault diagnostics.
- For a quick overview of individual statuses of the equipment, the units are equipped with diagnostic LEDs.
- All units can be parameterized, diagnosed and their software updated via the user interface in PC via the RS232 serial port or the TTL serial communication.
- The service keyboard can be connected to all units for read outs or setting parameters and for diagnostics.

Development of control units

- Close cooperation with the customer.
- We develop tailored solutions according to customer requirements.
- We are an ISO 9001 certificate holder.
- Our control systems are certified according to CSN EN 50155.