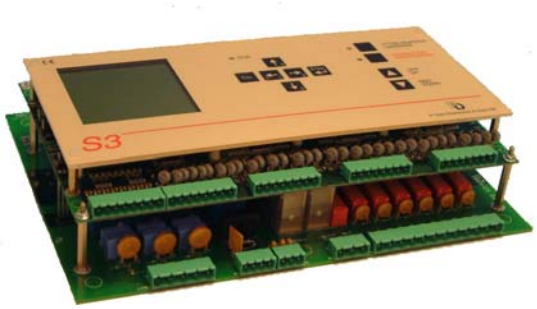
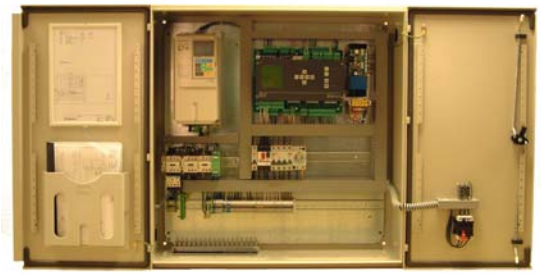
S3

General

The system is based on a tailored computer for lift-applications. All in-/outputs are optoisolated, the processor works in a galvanic separated environment. The computer has a built-in display and a keyboard; this makes it possible to perform all programming of the system on job site. The display has 16 rows with 21 characters on each row.
In case of errors on the lift system, this will be stored in the computer, together with the time and date, providing effective troubleshooting for the technician. The system clock will keep going even under voltage drops by a back-up capacitor.

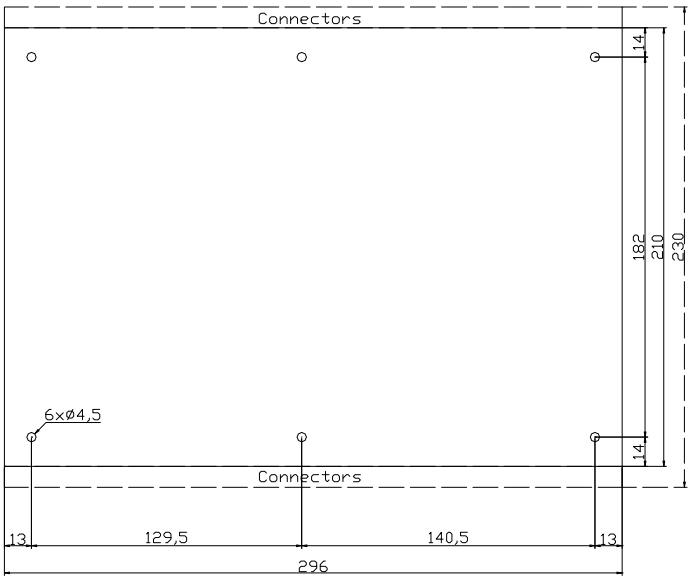


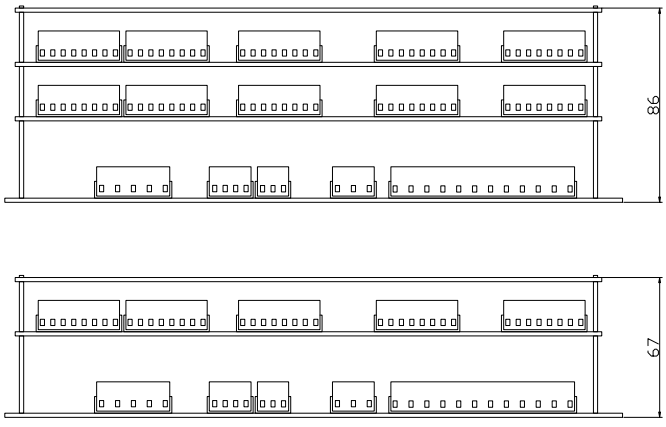
The S3 control system is available in a large variety of types. The difference between the types consists of different hardware configurations. The hardware configuration stretches from 8 inputs, 8 outputs, 16 in/outputs and 10 relay contacts to 16 inputs, 16 outputs, 48 in/outputs, 18 relay contacts and 2 CAN buses.



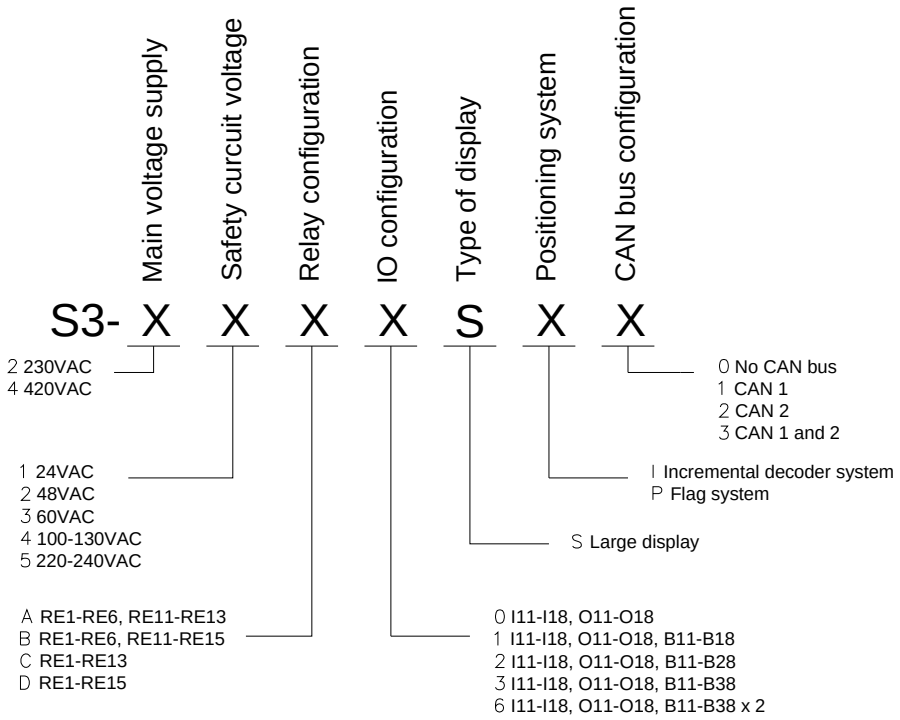
The S3 positioning system handles magnetic sensors, photocells and incremental encoders.
The software is written in the programming language C and based on events (event-controlled). This is the latest technique to write simple and easy to grasp programs for big and complex applications. This makes it easy to add new functions to the system. The lift control system handles both 24V positive and negative logic.

Measurements





Part number



Functions

- Languages
  English
  Swedish
  German
  French
  Polish
  Dutch
- 2-32 floors (more on request)
- Lift in group 1-8
- 2 door sides
- Pushbutton controlled with occupied lamp or Down/Up-collective
- Phase failure detector
- 24-230 VAC inputs for safety circuit (see part number)
- Surveillance of the motor temperature
- Travel time high speed or low speed
- Surveillance of contactors
- Pawl device
- Fan control for cabin
- Fan control for lift motor
- Fan control for cabinet
- Built in thermostat for control of the temperature of the cabinet
- Swing door and/or slide doors
- Door open in floor (not for EN81 installations)
- Zone system for leveling (with open or closed door) and early door opening
- Full load
- Overload
- Parking floor, two different destinations
- Independent service
- Fire Service
- Floor indicator
- Arrival signal
- Suspension of landing calls
- Priority calls for landings and car
- Fire service two landings
- Fireman service
- Key code
- Floor indicators decimal and/or binary
- Direction arrows
- Acoustic arrival signal
- Hydraulics/1speed/2speed/VVVF
- Floor positioning with encoder or photocell sensors with flags
- Short travel
- Fault history with type, time and date
- Fault alarm from the computer
- PTC protection - No fuses for the internal 24VDC supply
- CAN-BUS 2pcs
- Liftman (PC-software) for supervision (RS232/modem/TCPIP)