



Kinds Elteknik AB´s control cabinets for rope lifts are based on our own developed and manufactured control system *KI•LINE Vision*.

Our standard solution for rope lifts with asynchronous motors is built with Vacon frequency inverter. We use a special developed vvvf software for lift application.

Standard control cabinets have a width from 3 kW to 37 kW. Other sizes are made upon customer's request.

*KI•LINE Vision* is a versatile control system. It suits both simple lifts as well as lifts where high comfort and services is top priority. Speed up to 5 m/s, 64 stops and group of 8 lifts.

The system cover solutions for all current lift standards and norms, like for an example EN81:70.

*KI•LINE Vision* communicates and can be monitored by the built in Ethernet port (TCP/IP) and *KI•GATE* web server, which gives you many options now and for the future.

### Our Controllers are distinguished by the following highlights:

- Every controller will be individually designed and produced according to the needs of each plant.
- Our well-experienced experts assist you in the design of your project. Starting with analysing your specific requirements.
- *Vision* MCPU has several built in relays which reduces the number of external relays in the cabinet, e.g. there are certified safety relays for advance door opening built in.
- In the *Vision* system there is always a possibility to upgrade both software and hardware at a later time without large costs and time consumption.
- We are able to adapt the software to special requirements/functions.
- More possibilities with I/O modules.
- Easy installation of the call bus wiring for COP and Landing indicator using pre-fabricated modular cable (RJ11), saving time in the installation phase.
- CAN bus for group control and external units.
- Service and troubleshooting as upgrading the software, parameter save and load, can be done thru the internet. For further information see also *KI•LINE* product information " *KI•GATE* Supervision".
- Small (narrow) controller cabinets for machine room less lifts and cabinets made of stainless steel is available.
- Marking on cables and components upon customers request.
- A Car-CPU handles signals for shaft position information, doors, car operator panel etc.
- *KI•WID* is a complete system with all equipment for reading the exact position of the lift. It also includes sensors for reserve deceleration, advance door opening and final limit.
- *KI•LINE Vision* is ready for handling existing flags for shaft information.