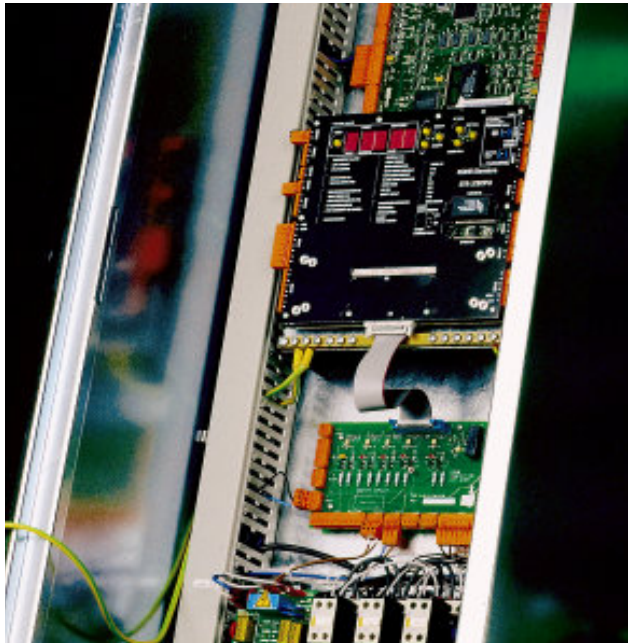


KONE RESOLVE™

Modernization of Elevator Controllers



The KONE ReSolve electrification modernization solution complies with the existing and anticipated regulations governing the power line (IEEE 519), as well as with the latest safety standards.

Modular modernization benefits

KONE ReSolve is a modular modernization solution for elevator control and electrical systems, based on the latest in control technology. This replaces outdated technology such as relays and older electronic systems, improving the levels of performance, reliability, safety and energy efficiency of your elevator. The modular structure of KONE ReSolve is designed to correctly interface with many types of existing elevator components, thus ensuring a swift, trouble-free installation for the building users.

Key benefits

- Complete elevator electrification system
- Modular modernization solution for existing geared traction elevators
- Easy integration with existing systems
- Minimized building disturbance with fast installation

Safe

- Safety assured, compliance with latest local, state and elevator codes
- Accurate stopping at floor level ensured by closed-loop drive control
- Comfortable and efficient travel for passengers

Energy efficient

- Superior levels of energy efficiency
- Up to 40% reduction in energy consumption*

Reliable

- Optimum reliability achieved with the latest control technology

Improved Energy Efficiency

KONE ReSolve includes a Variable Frequency inverter drive system. This technology not only ensures smooth ride comfort and accurate leveling but can also enable considerable energy savings, especially when used in conjunction with an efficient AC motor. This can amount to a 40% reduction in energy consumption in a typical mid-rise building application.*

* Figure based on data measurement before and after a modernization using KONE ReSolve.

For a wide range of elevators

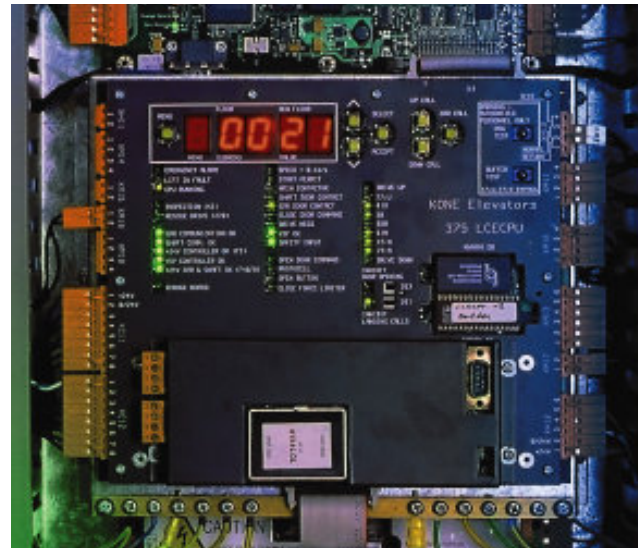
KONE ReSolve is designed for low- to mid-rise applications, such as residential buildings, office buildings, hotels and hospitals. KONE ReSolve can be installed on most types of traction elevators, whatever their origin, age and specifications.

The standard KONE ReSolve package includes:

- KONE ReSolve control system
- Drive system
- Machine room wiring
- Shaft wiring
- Positioning and safety switches
- Interface units for existing door operator(s) and signalization devices
- KONE Remote Monitoring System™ for two-way communications to KONE Customer Care Center™

Our experienced modernization teams make sure the job is completed on time and on budget.

Application	
Max Speed	350 fpm (1.78m/s)
Max Travel	393 ft (120m)
Max Floors	32
Max Elevators in Group	6
Max Starts/Year	300,000
Leveling Accuracy	+/- ¼ in (+/- 6 mm)
Drive System (rope elevators)	Variable Voltage Variable Frequency (V3F) closed-loop control



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For the latest product information and interactive design tools, visit www.kone.com

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