

KONE EPB

# Modernisation of elevator electrification

## KONE EPB modular modernisation

The EPB electrification package can be used for modernisation of many types of traction and hydraulic elevators in low-to mid-rise buildings up to 16 floors.

The KONE EPB solution for elevator modernisation consists of the control panel plus additional modular components. The solution is compatible with a wide range of elevator electrification equipment from different manufacturers, as well as with existing signalisation and door components. This makes it possible to replace only the necessary components and retain other existing equipment, thus reducing the time and investment costs needed for modernisation.



*The KONE EPB solution is for modernising the electrification in traction or hydraulic elevators in residential, hotel and office buildings.*

## KEY BENEFITS

- Modular modernisation package for electrification systems
- Fast installation, reducing elevator downtime
- Improves performance, reliability and safety

### Safe

- Complies with EN81-80 safety codes

### Flexible

- Suitable for traction and hydraulic drive systems
- Compatible with existing elevator signalisation and electrification equipment

### Eco-efficient

- Reduced energy consumption when using Variable Voltage Variable Frequency (V3F) drive control
- Possibility to reduce fuse sizing

### Reliable

- Replaces obsolete relay and microprocessor-based control systems

### A full electrification package

The KONE EPB is a complete modernisation solution consisting of the control panel and additional modular components. Each component has been designed to work with existing components from KONE or other manufacturers. This makes it possible to install a new control panel while retaining the existing shaft loom or traveling flexes, for example. This can reduce the time and investment costs needed for modernisation.

The key component of KONE EPB electrification is the control panel, consisting of the following:

- Main EPB control board
- Drive contactors and related parts
- Supply transformers and protective circuits
- Recall drive feature
- Terminals for easy interfacing to other components

The KONE EPB modernisation solution includes the following modular components:

**Standard content:**

1. Control panel

**Optional content:**

2. Machine room electrification

3. Machine room trunking

4. Car Connection Box

5. Inspection Drive Box

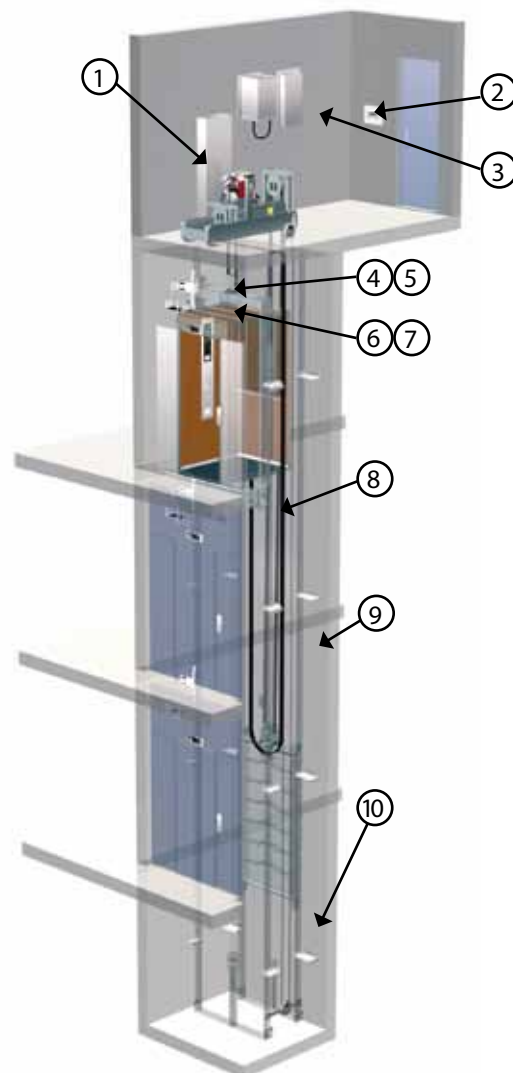
6. Position equipment

7. Other car electrification

8. Travelling flexes

9. Shaft lighting

10. Shaft loom and trunking



### Specifications

Motor Current Range (max)	26A Traction, 57A Hydro
Speed	0.3 - 1 m/s
Travel (max)	90 m
Floors (max)	16
Elevators in Group (max)	2



For more information go to [www.kone.co.uk](http://www.kone.co.uk)