

KENDRION SOLUTIONS

Double fall protection

Redundant fall protection for lift systems

Lifts - especially if they are approved for passenger transport - must meet high safety requirements. To prevent uncontrolled movement of the cabin, a speed limiter is installed, which is controlled by two electromagnetic actuators. The integrated and TÜV-certified linear solenoids ensure a safe stop both in normal operation and in an emergency.

The LHP035 takes over the fast and reliable stopping of the overspeed controller, e.g., when reaching the floor, and prevents the cabin from rising or falling. Due to the high power consumption and the design for short-time operation (5%ED), the solenoid achieves a very fast switching time.

In the event of a power failure, the second solenoid system is used.

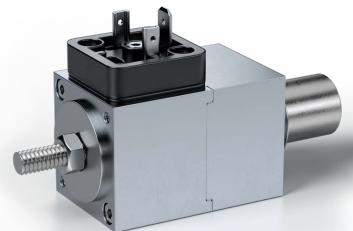
The LHP050 remains in the open position (100%ED), triggers in the event of a voltage loss, and falls into the limiter wheel. An unbraked fall of the lift cabin is thus reliably prevented.

Product features

- small and compact
- high reliability
- fast switching of the protective function
- high forces (with low duty cycle)
- integrated reset

Other examples of use

- Automation
- Railway technology
- Energy technology
- Intra logistics



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