

KENDRION SOLUTIONS

## Prepared for emergencies

Solenoid for door protection in railway technology

Tramways and railways are equipped with an emergency brake to bring the train to an immediate standstill in an emergency. Thus, the doors mustn't open until the train has come to a complete stop.

This is ensured by the new LHP050, which impresses with its high force combined with a compact and robust design and withstands the high requirements in railway engineering.

In normal operation, the solenoid secures the locking mechanism coupled to the emergency brake. Controlled by a current pulse, the LHP050 pulls to open the door. A remote-controlled reset of the emergency actuation is effected via the integrated return spring.

### Product features

- long service life and transverse force-bearing kit
- ambient temperatures of -30 to +70°C
- tolerance for voltage fluctuations +/-30°C
- various possibilities of corrosion protection
- resistance to oscillation, shock, and vibration according to EN 61373
- type test according to EN 50155

### Other examples of use

- automation technology
- building technology
- intralogistics
- elevator technology



### Kendrion (Donaueschingen/Engelswies) GmbH

August-Fischbach-Strasse 1  
78166 Donaueschingen  
Germany

T +49 771 8009-3770  
sales-ims@kendrion.com  
www.kendrion.com

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