

CG APPLICATIONS

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Application Note: July 23 2007

Market involved: Lift & Escalators

Product : ND12DLIFT

Customer : Motala Hissar

Subject : Lift in limited spaces

CUSTOMER ISSUE :

The customer manufactures low speed lifts for existing and newly constructed building to improve accessibility for people with impaired mobility.

Where limited spaces are available, the shaft pit and the top clearance may not reach the dimensions required by the EN 81-1 Norm.

In this situation the lift doesn't fulfil the safety requirements and can't obtain the authorities approval.

OUR SOLUTION:

Small top clearance

The lift is equipped with a depress plate on the top clearance.

When a technician gets on this plate, two sensors connected to NA12DLIFT are activated, enabling our module to open the safety outputs: in this situation the controller stops the lift preventing from dangerous situations.

Small shaft pit

In this kind of lift, the technician gets into the shaft pit by the lowest floor door. When this door is open and the lift isn't at that floor, two sensors connected to NA12DLIFT are activated, enabling our module to open the safety outputs and allowing the controller to stop the lift preventing from dangerous situations.

ACHIEVED BENEFITS:

- Deliver lifts according to EN 81-1 even if pits and/or top clearance required dimensions are not satisfied.
- Allow lifts' installation in places where it is normally impossible.
- Absolutely simple and straightforward solution.

