



The image has been deliberately altered to show how the product works.

# Sequential safety barriers

**Infrared beam safety barriers. Greater safety - without contact.**  
**Protecting the opening up to a height of 2.5 m.**  
**No need for extra photocells or lower safety edges.**  
**Reducing the risk of damage due to collisions with the curtain.**

These new electronic barriers update and extend DITEC's range of safety devices.

They use a dense system of infrared beams that detect even the smallest obstacle on the door's closure path.

They detect the motion of the curtain and are deactivated one by one in sequence as it closes.

When at least one beam is broken, the system activates and the control electronics stop and reverse the movement of the curtain.

Sequential safety barriers offer an effective alternative to active safety edges and to the photocells that are widely used on rapid doors.

This modern solution, specially designed for installation with vertical guides, can protect the door through its full height - up to 2.5 m - and detect people, vehicles and objects within the opening, with no need for any contact to be made.

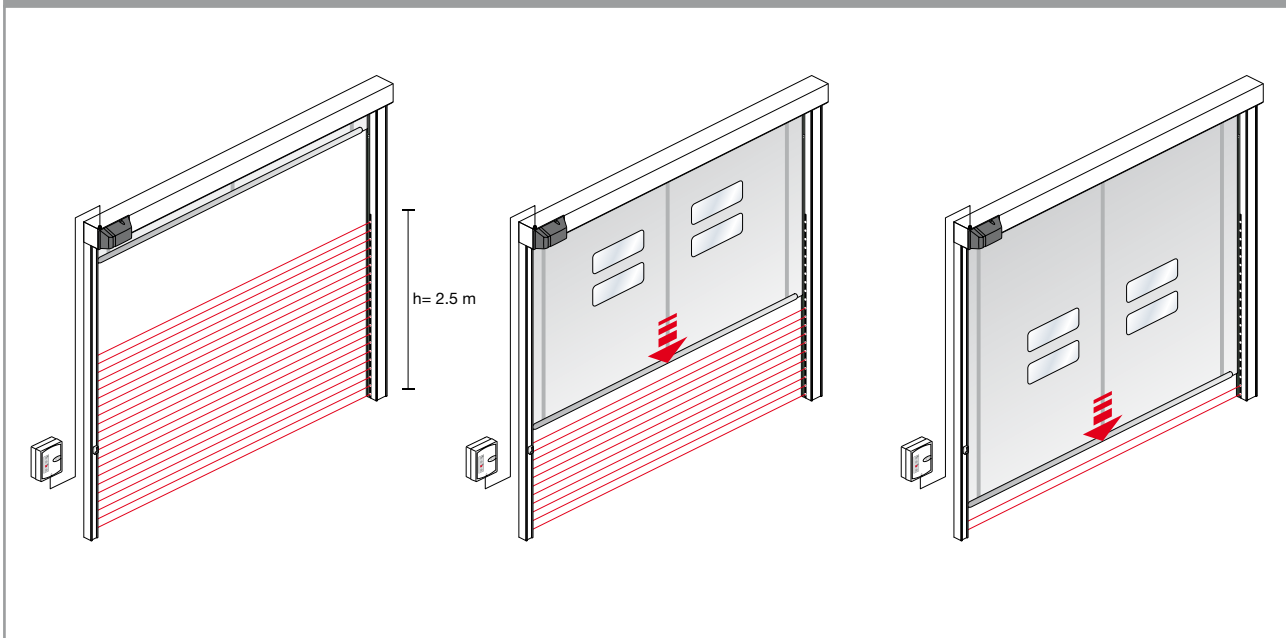
The barriers are also easier to manage than traditional safety edges, because they are installed in the vertical frames. This therefore provides greater operational reliability.

The self-test function communicates with the electronic control unit of the DITEC door, and the system is fully tested at the start of every closure cycle, as required by the EN12445, EN12453 and EN12978 standards.

Main technical specifications:

- 40 beams
- Automatic signal-level control
- Sequential deactivation
- Immunity to light interference > 100,000 lux
- Self-test
- IP65
- Operating temperature: -20 °C ÷ +55 °C

Closing action and progressive beam deactivation



# System Doors

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