

inter-sectional™

Overhead Sectional Doors



INTERDOOR
SPECIALIST INDUSTRIAL DOORS

Fast Insulated
Overhead Sectional Doors

“Hear the Difference!”

- Max w x h: 5000mm x 5000mm
- Max Wind Resistance: 12 Beaufort
- μ -Value: 1.5 W/m²Kn
- Max Opening Speed: 1.1 m/s
- Compliance: EN 13241-1
- Operation: Manual or Automatic
- Springless System? YES

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INT3 Lightening Overhead Sectional Doors

INT3 Lightening Overhead Sectional Door is a very fast and quiet sectional door with exceptional insulation values, which is provided with an electric drive and frequency converter. The specially designed rollers ensure a quiet operation. This patented system also contributes to the sleek design of the **INT3 Lightening** Overhead Sectional Door. There is a choice of finishes and controls.

Dimensions	
max. width (W)	5000 mm
max. height (H)	5000 mm
max. surface area	25 m ²
Opening speed	1.1 m/s
Closing speed	0.5 m/s
Section thickness	40 mm
μ Value at 5000mm x 5000mm	1.5 W/m ² K
ALU sections possible	Yes

Components and Construction

The **INT3 Lightening** is a high speed sectional door which consists of *Microline* sections with a working height of 366 mm. During the opening of the door the sections roll on a rail system under the ceiling. A powerful drive allows the door to quickly and silently run along the rail system.

Materials

- Horizontal sandwich sections consisting of an outer and inner shell of aluminium, insulated with a CFC free polyurethane (PUR) core with "finger pinch protection"
- Standard section height is 366mm
- Panel thickness is 40mm
- Rails made of Sendzimir galvanized steel
- Vibration free rollers ball bearings
- Middle hinges in galvanized version
- Mounting of door fittings with electrically galvanized parkers with serrate fixed ring
- Specially developed top and bottom sealing
- Unique side seal
- Seal between the panels of insulating material

Surface treatment

- the outside of the sections has a polyester-coating in RAL9002 (Off-white) or RAL9006 (aluminium silver)
- the inside of the sections has a polyester-coating in RAL9002 (Off-white)

Window and panel options

The **INT3 Lightening** is available with one or more sections made of thermally insulated anodized profiles with insulated double glazing.

Drive

The door is powered by an electric motor with gear unit. Drive side on the right or left.

Technical details electric drive

- power: 400V 3 ph / N + PE / 50Hz / 16A
- degree of protection: P 65

Protection

- EN13241-1 compliant
- safety light curtain (IP65 and to max. height 2500mm). If this curtain is interrupted by an obstacle the door will automatically fully open until the screen is freed again. This does not apply to the door in closed position.
- the door can be manually opened in the case of a power loss
- Finger-pinch-protection

Control and operation

The control system has 3 buttons (open-stop-close) and regulates a multitude of functions such as:

- adjustable open time
- service and run mode
- 7-segment display for controlling the various functions
- choice of permanently open or shut

Other forms of operation that can be connected to the standard control box:

operation by pull switch, key-operated switch, push-button, photocell, radar, induction loop detection or by radio control with transmitter and receiver

Options / accessories

- control box in IP65
- leading photocell (without wiring at door)
- connection of traffic lights (red/green or red and green)
- warning flash light (orange or red)
- heavy shoot bolt with spring return
- outside locking cylinder
- electrical system complete in IP65
- separate 'wicket door', next to the **INT2** door
- customer-specified RAL coating on inside and/or outside of the sections

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