

## FULLY AUTOMATIC VERTICALLY DRIVEN



This TÜV and VdS-certified electro-pneumatic/automatic barrier is positioned above the door or gate opening. It is held in its upper position by pneumatic cylinders. On both sides of the gate, two U-profiles are installed, allowing the barrier to move within them.

When a button is pressed, a signal is received from the fire alarm control panel, or in the event of a power outage, the barrier closes slowly. Once in the active position, the barrier is automatically locked and sealed watertight at the bottom by two pneumatic quick-lock tensioners.

Unlocking the pneumatic quick-lock tensioners and returning the barrier to its resting position is performed pneumatically.

## STANDARD DIMENSIONS

- barrier height: 10 to 100 cm
- door or gate opening: 50 to 600 cm
- other dimensions available on request

## STANDARD FEATURES

- electro-pneumatic controller
- manual activation via control button
- power-free operation using an emergency operation switch
- buffer storage with compressed air
- optical green status indicator showing the barrier is operational
- optical red warning and closing signal
- acoustic warning and closing signal
- activation via an on-site fire alarm through a potential-free contact
- energy-independent operation via an emergency pressure switch
- control cables in PVC conduits
- Siemens electrical components housed in a metal RITTAL enclosure
- color: RAL 3000 red

## OPTIONS

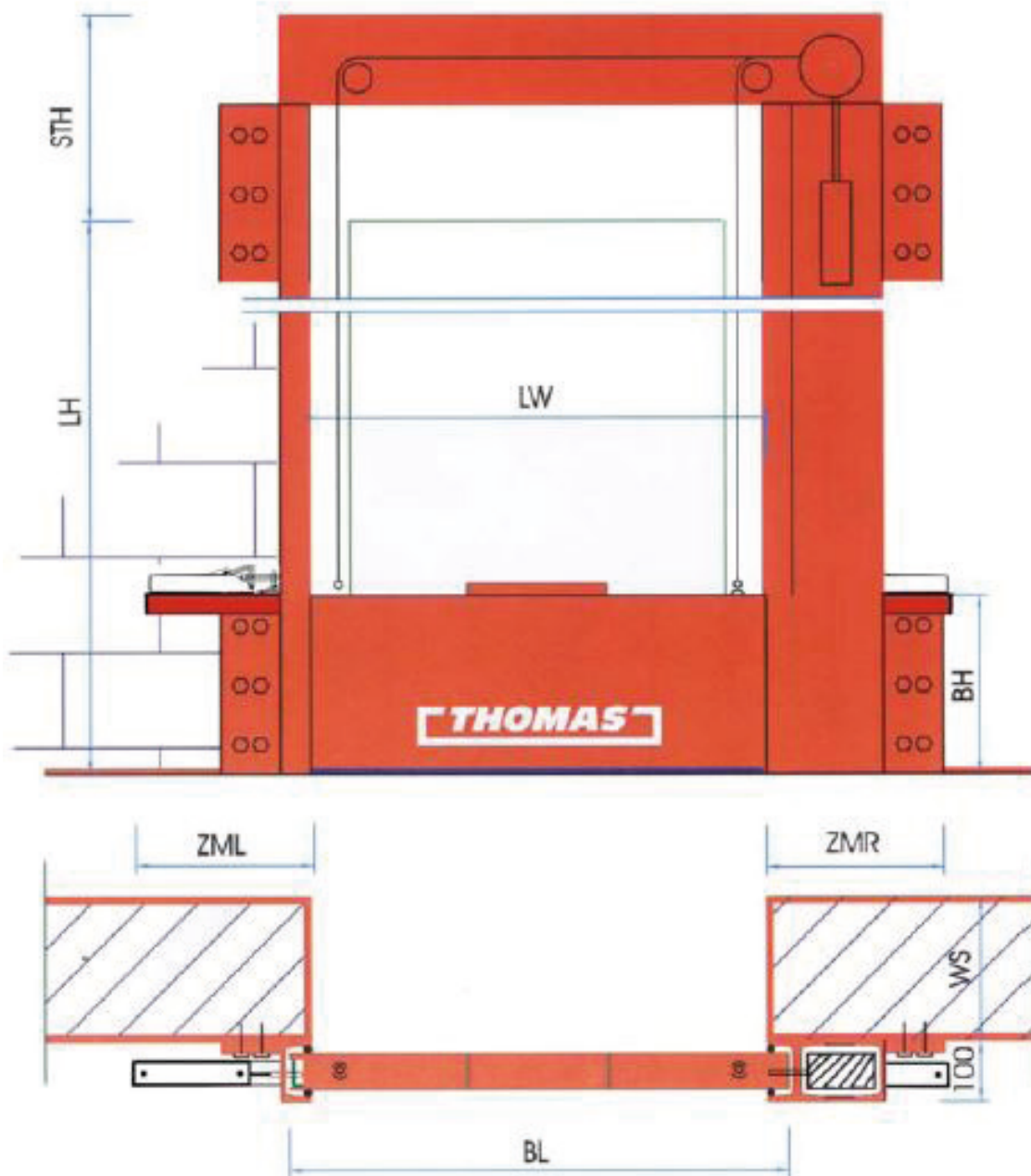
- VdS-certified model with UPS-buffered control system
- activation via smoke or leak detection
- tensioner locking switch
- central control
- external control panel
- ATEX-compliant installation
- impulse tensioner monitoring
- compressor
- chemically resistant PTFE sealing
- impact protection



## RESPONSIBILITY OF THE CUSTOMER

- electrical power supply 230V / 16A (energy consumption +/- 250 watts), with one circuit breaker per barrier recommended
- compressed air (minimum 8 to 10 bar), compressed air connection R1/2" IG with shut-off valve
- connection to the fire alarm control panel (normally closed potential-free contact, the contact must open in case of an alarm)
- sufficient space on the left, right, and above the barrier





- ZML** - required space on the left
- ZMR** - required space on the right
- BH** - barrier height
- BL** - barrier length
- LW** - clear opening
- LH** - free height
- STH** - required height (BH + 300 mm)
- WS** - wall thickness