

FULLY AUTOMATIC LOADING DOCK BARRIER



This TÜV and VdS-certified automatic barrier is designed in a U-shape, making it ideal for use at loading docks. The barrier is positioned at rest beside and above the gate opening. The barrier body is held in a vertical position by two pneumatic cylinders.

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 its horizontal position, it 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 vertical resting position is performed pneumatically.

STANDARD DIMENSIONS

- barrier height: 10 to 100 cm
- loading dock: 250 x 250 cm to 500 x 350 cm
- other dimensions available on request

STANDARD FEATURES

- manual closing via a green control button
- automatic closing upon signal from the fire alarm control panel
- blue reset button
- optical green status indicator showing the barrier is operational
- optical red warning and closing signal
- acoustic warning and closing signal
- energy-independent operation via an emergency pressure switch
- pneumatic buffer tank with check valve, sufficient to close the barrier without power in case of a power outage
- control cables in PVC conduits
- Siemens electrical components housed in a metal RITTAL enclosure
- color: RAL 3000 red

OPTIONS

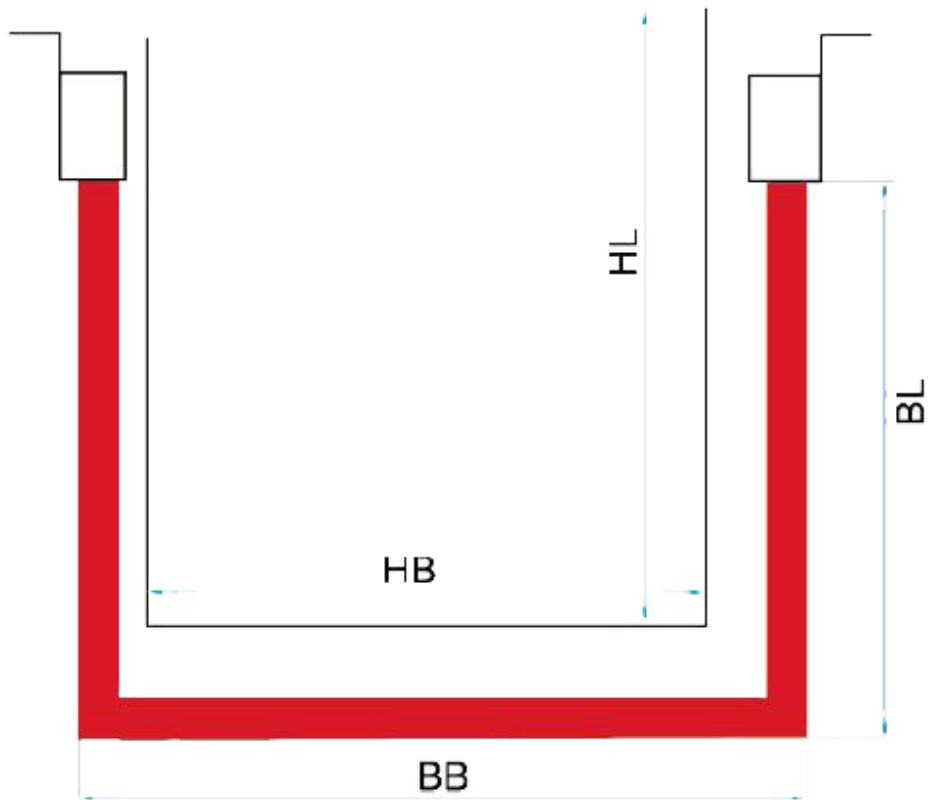
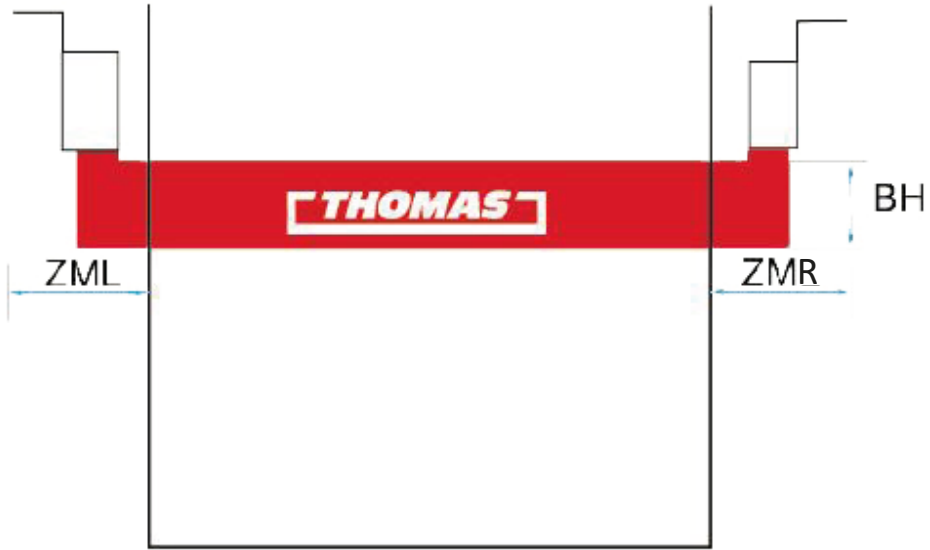
- VdS-certified model with UPS-buffered control system
- activation via gas, smoke, temperature, pressure, or leak detection
- tensioner locking switch compressor
- cabling in metal or aluminum conduits central control
- ATEX-compliant installation steel components in galvanized steel or stainless steel
- 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 and right sides of the barrier





- ZML** - required space on the left
- ZMR** - required space on the right
- HL** - free height
- BB** - barrier width
- BH** - barrier height
- BL** - barrier length