



The Convenience of Automatic Doors— Even for Fire Doors

Locking systems to keep fire doors open are increasingly becoming mandatory. As the doors are very heavy, they are very difficult to operate by hand. They therefore usually remain open on a day-to-day basis. TORMAX offers two high-performance swing door drives which give you the convenience of automatic door systems, even for fire doors.

Fire doors must always be self-closing and must not be kept open with door stops or anything else. The closing impulse can be triggered either by pressing a button or automatically via a connected smoke detector or an

integrated building management system. As fire doors with TORMAX swing door drives do not stay open by default but instead function like normal automatic doors, they help to reduce heat and ventilation energy losses. Along with the safety aspect, this is a real benefit.

In the event of a fire, the doors are immediately closed by a spring in order to prevent the spread of fire and smoke. Fleeing persons can open the doors manually at any time. The TORMAX swing door drives, which are specially approved for fire protection doors, close the doors again securely and thus isolate the fire section.



*iMotion 1401.FIRE under-floor drive—
unique worldwide*

iMotion 1301.FIRE—mounted on the lintel

Automatic Fire Doors

Scope

- Arrest systems for fire protection closures
- Suitable both for newbuilds and/or refurbishments and renovations
- Barrier-free and easy-to-use doors for all groups of persons
- Can be connected to building management systems

Areas of application

- Hospitals/care homes
- Office complexes
- Shopping malls
- Exhibition buildings
- Hotels
- Large apartment buildings

Compliance with guide-lines and standards

- EN 61000-6-2, EN 61000-6-3, EN 60335-1, DIN 18263-4, DIN 18650/EN 16005
- DIBt approval number: Z-6.5-2141

Technical details

iMotion 1401.FIRE

- Invisible under-floor installation
- For door weights up to 450 kg at 1.0 m door width
- Up to closing size 6

iMotion 1301.FIRE

- Drive mounted on the lintel
- For door weights up to 300 kg at 1.0 m door width
- Up to closing size 6
- Standard linkage or sliding lever
- 2 leaves with integrated mechanical door coordinator device