

Product data sheet

Powerturn F/R-IS

Electromechanical swing door system for double leaf fire and smoke protection doors with closing sequence control and integrated smoke switch



Product features

Smart swing function for easy manual door opening
Adjustable closing force of EN3-7 with variable adjustment
Integrated smoke switch control unit, whose signal closes the door automatically in the event of a fire
Opening and closing speed can be individually adjusted
Mechanical latching action when operated without current, and electrical latching action in regular operation, which accelerates the door shortly before the closed position
Mechanical and electrical closing sequence control holds the active leaf in the waiting position until the passive leaf is closed
Low-energy function opens and closes the door with reduced speed, fulfilling the highest safety requirements
Vestibule function controls the opening and closing of two consecutive doors (interlocking door system)
Obstacle detection detects objects through contact and stops the opening or closing process
Automatic reversing detects an obstacle and returns to the opening position
Push & Go function triggers the automatic drive components following light manual pressure on the door leaf
Drive can be used with roller guide rail or link arm
Servo function for motorized support when manually opening the door
Optional radio board for wireless activation by radio transmitter

Application Areas

Fire and smoke protection doors
Double leaf right and left single-action doors
Single-action doors up to 3200 mm hinge clearance, 1600 mm leaf width and 600 kg weight
Minimum hinge clearance 1657 mm
Interior and exterior doors with high access frequency
Transom installation hinge and opposite hinge side

Product Data Table

Productname	Powerturn F/R-IS
Height	70 mm
Overall depth	720 mm
Depth	130 mm
Leaf weight (max.) 1-leaf	600 kg