

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

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| Smart swing function for easy manual door opening |
| Adjustable closing force of EN4-7 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

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| 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

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| Product features | Powerturn F/R-IS |
| Height | 70 mm |
| Overall depth | 920 mm |
| Depth | 130 mm |
| Leaf weight (max.) 1-leaf | 600 kg |