

Product data sheet

Powerturn F

Electromechanical swing door drive for single leaf fire and smoke protection doors with integrated smoke switch



Product features

Smart swing function for easy manual door opening
Closing force of EN4-7 with variable adjustment
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
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 obstacles 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
Right and left single leaf single-action doors
Single-action doors up to 1600 mm leaf width or 600 kg weight
Minimum leaf width 800 mm
Interior and exterior doors with high access frequency
Door leaf installation and transom installation

Product Data Table

Product features	Powerturn F
Reveal depth (max.)*	300 mm
Door opening angle (max.)*	136 °
DIN left	Yes
DIN right	Yes
Transom installation opposite hinge side with link arm	Yes
Transom installation opposite hinge side with roller guide rail	Yes
Transom installation hinge side with roller guide rail	Yes
Door leaf installation opposite hinge side with roller guide rail	Yes

Door leaf installation hinge side with roller guide rail	Yes
Door leaf installation hinge side with link arm	Yes
Mechanical latching action	Yes
Electrical latching action	Yes
Disconnection from mains	Main switch in the drive
Power supply for external consumers (24 V DC)	1.2 A
Modes of operation	Automatic, Off, Permanently open, Shop closing, Night
Automatic function	Yes
Low-energy function	Yes
function smart swing	Yes
Servo function	Yes
Obstacle detection	Yes
Automatic reversing	Yes
Push & Go	adjustable
Operation	Programme switch DPS, Programme switch integrated in the drive, Programme switch MPS
For fire resistance doors	Yes

Accessory

Product name

Powerturn 230 V T-distributor
GC 338
GC 342
Integrated opening restrictor
Spindle extension Powerturn
Adaptor for sensor link arm
GEZE elbow switch
LS 990 elbow switch
LED Sensortaster
WRB-5 Radio reception board
WTH remote control

Part

Product name

GC GR for GC 338 Powerturn

GEZE Powerturn F

Link arms Powerturn / Powerturn F

Cover Powerturn

Powerturn / Powerturn F roller guide rail

Powerturn / Powerturn F roller guide rail

Connection - 230 V

Integrated opening restrictor