

Product data sheet

Slimdrive EMD Invers

Electro-mechanical swing door system for single leaf RWA fresh air opening systems



Product features

Opening and closing speed can be individually adjusted
Electrical latching action which accelerates the door shortly before the closed position
Drive can be used with roller guide rail or link arm
Inverse function opens the door via spring force and closes it with a motorised function
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

Application Areas

Doors along escape and rescue routes
Right and left single leaf single-action doors
Single-action doors up to 1400 mm leaf width or 230 kg weight
Smoke and heat extraction fresh air opening systems
Interior and exterior doors with high access frequency
Door leaf installation and transom installation

Product Data Table

Product features	Slimdrive EMD Invers
Leaf weight (max.) 1-leaf	230 kg
Leaf width (min.-max.)	750 mm - 1400 mm
Reveal depth (max.)*	400 mm
Door overlap (max.)*	50 mm
Drive type	Electromechanical
Door opening angle (max.)*	130 °
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 hinge side with roller guide rail	Yes
Electrical latching action	Yes
Disconnection from mains	Cable plug connection

Activation delay (max.)	20 s
Operating voltage	230 V
Frequency of supply voltage	50 Hz
Power rating	230 W
Power supply for external consumers (24 V DC)	1000 mA
Operating temperature	-15 °C - 50 °C
Air humidity non-condensing (max.)	95 %
IP rating	IP20
Modes of operation	Automatic, Permanently open, Night, Off, Shop closing
Automatic function	Yes
Low-energy function	Yes
Inverse function (opening by spring force)	Yes
Obstacle detection	Yes
Automatic reversing	Yes
Push & Go	adjustable
Operation	Programme switch integrated in the drive, Programme switch DPS, Programme switch MPS
Parameter setting	ST 220 service terminal, Programme switch DPS, GEZEconnects (PC + Bluetooth)
Approvals	EN 16005, DIN 18650

Accessory

Product name

Spindle extension Slimdrive EMD
Slimdrive EMD Anbausatz
GC 342
Adaptor for sensor link arm
GC 335
GC 338

Part

Product name

Link arms Slimdrive EMD
Mounting plate Slimdrive EMD, incl. accessories
Roller guide rail Slimdrive EMD / EMD-F / EMD Invers
Roller guide rail Slimdrive EMD / EMD-F / EMD Invers
Slimdrive EMD Invers

Product name

Cover Slimdrive EMD

GC GR for GC 338 Slimdrive EMD / EMD-F / Invers