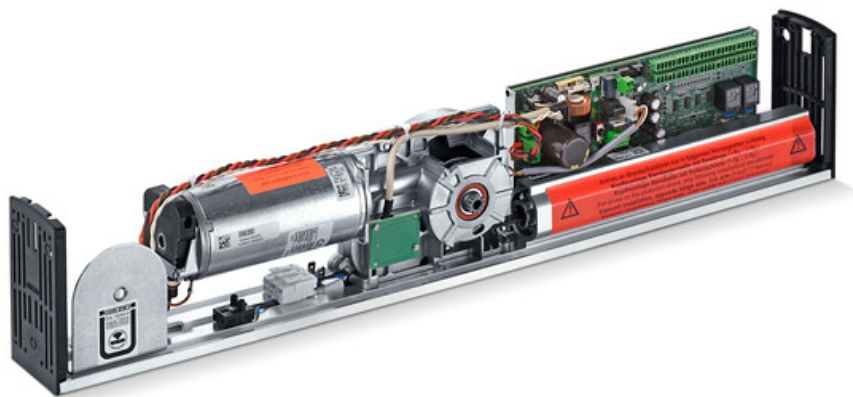


# Product data sheet

# Slimdrive EMD-F-IS

# drive unit \*



Electro-mechanical swing door drive for 2-leaf single-action doors  
and fire protection doors with integrated sequence control

## AREAS OF APPLICATION

- Fire and smoke protection doors
- Right and left double leaf single-action doors
- Single-action doors up to 2800 mm hinge clearance, 1400 mm leaf width and 230 kg weight
- Minimum hinge clearance 1500 mm, minimum leaf width 750 mm
- Interior and exterior doors that must close in the correct sequence even without power



## PRODUCT FEATURES

- Closing force with variable adjustment of EN 4-6
- 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 demands
- Servo function for motorized support when manually opening the door
- Vestibule function controls the opening and closing of two consecutive doors (interlocking door system)
- Obstacle detection detects an object 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 following light manual pressure on the door leaf
- Drive can be used with roller guide rail or link arm

## TECHNICAL DATA

Productname	Slimdrive EMD-F-IS drive unit *
Height	70 mm
Width	650 mm
Depth	121 mm
Leaf weight (max.) 1-leaf	230 kg
Distance centre door hinge-drive axis (min.-max.) 2-leaf	1500 mm - 2800 mm
Leaf width (min.-max.)	750 mm - 1400 mm
Reveal depth (max.)	400 mm
Door overlap (max.)	30 mm
Drive type	Electromechanical
Opening angle (max.)	130 °
Spring pre-load	EN 4 - EN 6
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
Mechanical latching action	Yes
Electrical latching action	Yes
Electrical closing sequence control	Yes
Mechanical closing sequence control	Yes
Disconnection from mains	Main switch in the drive
Activation delay (max.)	20 s

**Slimdrive EMD-F-IS drive unit \***

Operating voltage	230 V
Power rating	230 W
Power supply for external consumers (24 V DC)	1000 mA
Service temperature	-15 - 50 °C
IP rating	IP20
Mode of operation	Off, Automatic, Permanently open, Shop closing, Night
Type of function	Fully automatic
Automatic function	Yes
Low-energy function	Yes
function smart swing	No
Servo function	Yes
Key function	Yes
Vestibule function	Yes
Obstacle detection	Yes
Automatic reversing	Yes
Push & Go	adjustable
Operation	Programme switch DPS, Programme switch integrated in the drive
Parameter setting	GEZEconnects (PC + Bluetooth), Service terminal ST 220, Programme switch DPS
Standard conformity	DIN 18263-4, DIN 18650, EN 1158:1997/A1:2002/AC:2006, EN 16005
Suitability for fire protection doors	Yes
Smoke switch integrated	No

**VARIANTS / ORDER INFO**

Designation	Description	Ident-No.	Supply voltage	Dimensions	Operating voltage
Slimdrive EMD-F-IS drive unit *	Active leaf transom installation hinge side	120652	230 V	650 x 70 x 121 mm	230 V
Slimdrive EMD-F-IS drive unit *	Active leaf transom installation opposite hinge side	120654	230 V	650 x 70 x 121 mm	230 V
Slimdrive EMD-F-IS drive unit *	Passive leaf transom installation opposite hinge side	120655	230 V	650 x 70 x 121 mm	230 V
Slimdrive EMD-F-IS drive unit *	Passive leaf transom installation hinge side	120653	230 V	650 x 70 x 121 mm	230 V

## Slimdrive EMD-F-IS drive unit \*



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\* The products designated above may vary in form, type, characteristics, function, or availability depending on the country. Please get in touch with your GEZE contact person if you have any questions.