

Product data sheet

Slimdrive EMD-F/R



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

AREAS OF APPLICATION

- Fire and smoke protection doors
- Single-action, single leaf, right and left closing doors
- Single-action doors up to 1400 mm leaf width or 230 kg weight
- Minimum leaf width 750 mm
- Interior and exterior doors with high access frequency
- Transom installation hinge and opposite hinge side



PRODUCT FEATURES

- Closing force with variable adjustment of EN 4-6
- 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
- Low-energy function opens and closes the door with reduced speed, fulfilling the highest safety demands
- 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
- Servo function for motorized support when manually opening the door

TECHNICAL DATA

Productname	Slimdrive EMD-F/R
Height	70 mm
Depth	121 mm
Leaf weight (max.) 1-leaf	230 kg
Leaf width (min.-max.)	1400 mm
Opening angle (max.)	130 °
Spring pre-load	EN4 - EN6
DIN left	Yes
DIN right	Yes
Transom installation opposite hinge side with link arm	Yes
Transom installation hinge side with guide rail	Yes
Mechanical latching action	Yes
Electrical latching action	Yes
Disconnection from mains	Main switch in the drive
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	Automatic swing door systems
Automatic function	Yes
Low-energy function	Yes
function smart swing	No

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Obstacle detection	Yes
Automatic reversing	Yes
Push & Go	adjustable
Parameter setting	GEZEconnects (PC + Bluetooth), Programme switch DPS
Standard conformity	DIN 18263-4, EN 16005
Suitability for fire protection doors	Yes
Smoke switch integrated	Yes