

Product data sheet Slimdrive EMD-F-IS

Electro-mechanical swing door drive system for 2-leaf fire and smoke protection doors with closing sequence control





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Product features

Closing force with variable adjustment from EN3-6

- 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 requirements
- 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 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 $% \mathcal{A}(\mathcal{A})$
- Drive can be used with roller guide rail or link arm

Application Areas

Fire and smoke protection doors

Double leaf right and left 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

Transom installation hinge and opposite hinge side

Product Data Table

Product features	Slimdrive EMD-F-IS
Leaf weight (max.) 1-leaf	230 kg
Hinge size (minmax.) 2-leaf, link arm	1500 mm - 2800 mm
Hinge size (minmax.) 2-leaf, roller guide rail	1700 mm - 2800 mm
Leaf width (minmax.)	750 mm - 1400 mm
Reveal depth (max.)*	400 mm
Door overlap (max.)*	50 mm
Drive type	Electromechanical
Door opening angle (max.)*	135 °
DIN left	Yes
DIN right	Yes
Transom installation opposite hinge side with link arm	Yes



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Transom installation hinge side with roller guide railYesMechanical latching actionYesElectrical latching actionYesElectrical closing sequence controlYesMechanical closing sequence controlYesDisconnection from mainsCable plug connectionActivation delay (max.)20 sOperating voltage50 HzPower rating230 WPower supply for external consumers (24 V DC)1000 mAOperating temperature-15 °C - 50 °CAir humidity non-condensing (max.)95 %IP ratingIP20Modes of operationAutomatic, Permanently open, Night, Off, Shop closingAutomatic functionYesObstacle detectionYesPush & GoadjustableOperationProgramme switch integrated in the drive, Programme switch DPS, Programme switch MPSParameter settingST 220 service terminal, Programme switch MPSParameter settingST 220 service terminal, Programme switch MPS, GEZEconnects (PC + Bluetooth)ApprovalsEN 16005, DIN 18263-4, Door closing sequence selector tested in accordance with EN 1158For fire resistance doorsYes	Transom installation opposite hinge side with roller guide rail	Yes
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OperationProgramme switch integrated in the drive, Programme switch DPS, Programme switch MPSParameter settingST 220 service terminal, Programme switch DPS, GEZEconnects (PC + Bluetooth)ApprovalsEN 16005, DIN 18650, DIN 18263-4, Door closing sequence selector tested in accordance with EN 1158	Automatic reversing	Yes
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DPS, GEZEconnects (PC + Bluetooth) Approvals EN 16005, DIN 18650, DIN 18263-4, Door closing sequence selector tested in accordance with EN 1158	Operation	Programme switch DPS, Programme switch
closing sequence selector tested in accordance with EN 1158	Parameter setting	
For fire resistance doors Yes	Approvals	closing sequence selector tested in accordance
	For fire resistance doors	Yes

Accessory Product name Spindle extension Slimdrive EMD Slimdrive EMD Anbausatz Adaptor for sensor link arm GC 335 GC 338

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4/4

Product data sheet Slimdrive EMD-F-IS

Part	
Product name	
Link arms Slimdrive EMD	
Mounting plate Slimdrive EMD two leaf	
Mounting plate Slimdrive EMD, incl. accessories	
Roller guide rail Slimdrive EMD / EMD-F / EMD Invers	
Roller guide rail Slimdrive EMD / EMD-F / EMD Invers	
Roller guide rail Slimdrive EMD / EMD-F	
Slimdrive EMD-F-IS	
Cover Slimdrive EMD	
GC GR for GC 338 Slimdrive EMD / EMD-F / Invers	