

Product data sheet

Slimdrive EMD Invers



Electromechanical swing door system for single leaf smoke and heat extraction fresh air opening systems

AREAS OF APPLICATION

- Doors along escape and rescue routes
- Single and 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
- Smoke and heat extraction fresh air opening systems
- Interior and exterior doors with high access frequency
- Door leaf installation and transom installation



PRODUCT FEATURES

- Opening and closing speed can be individually adjusted
- Electrical latching action which accelerates the door shortly before the closed position
- Electrical closing sequence control holds the active leaf in the waiting position until the passive leaf is closed
- 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 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 Invers
Height	70 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 °
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
Electrical closing sequence control	Yes
Disconnection from mains	Main switch in the drive
Activation delay (max.)	20 s
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
Key function	Yes
Inverse function (opening by spring force)	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 18650, EN 16005
Smoke switch integrated	No

VARIANTS / ORDER INFO

Designation	Description	Ident-No.	Supply voltage	Dimensions	Operating voltage
Slimdrive EMD Invers	Electromechanical swing door drive for 1-leaf single-action doors (smoke and heat extraction fresh air supply and escape and rescue routes)	117918	230 V	650 x 70 x 121 mm	230 V

ACCESSORIES

GC 342

Laser scanner for the protection of automatic doors and windows with integrated object and wall blanking



Designation	Description	Ident-No.	Colour	Dimensions	Output
GC 342 (left module)	Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of sensor module, cable and accessories	167433	white	143 x 86 x 40 mm	2 potential-free relay contacts
GC 342 (right module)	Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of sensor module, cable and accessories	167435	black	143 x 86 x 40 mm	2 potential-free relay contacts
GC 342 (left module)	Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of sensor module, cable and accessories	167434	stainless steel colour	143 x 86 x 40 mm	2 potential-free relay contacts
GC 342 (left module)	Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of sensor module, cable and accessories	167432	black	143 x 86 x 40 mm	2 potential-free relay contacts

Designation	Description	Ident-No.	Colour	Dimensions	Output
GC 342 Kit	Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of two sensor modules, cable and accessories	167439	white	143 x 86 x 40 mm	2 potential-free relay contacts
GC 342 (right module)	Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of sensor module, cable and accessories	167437	stainless steel colour	143 x 86 x 40 mm	2 potential-free relay contacts
GC 342 Kit	Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of two sensor modules, cable and accessories	167438	black	143 x 86 x 40 mm	2 potential-free relay contacts
GC 342 (right module)	Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of sensor module, cable and accessories	167436	white	143 x 86 x 40 mm	2 potential-free relay contacts
GC 342 Kit	Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of two sensor modules, cable and accessories	167440	stainless steel colour	143 x 86 x 40 mm	2 potential-free relay contacts

RESET BUTTON CABLE HARNESS *

Reset button for fire alarm event for Powerturn F / EMD-F



Designation	Ident-No.	Dimensions
Reset button cable harness 200mm *	180408	200 mm
Cable harness reset button 540 mm (EMD-F) *	180409	540 mm
Cable harness reset button 1360 mm (EMD-F) *	185843	1360 mm

* 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.