Product data sheet

ECturn Inside swing door drive system



Integrated electromechanical swing door drive system for barrier-free single leaf doors up to 125 kg

AREAS OF APPLICATION

- Single-action, single leaf, right and left closing doors
- Single-action doors up to 1100 mm leaf width or 125 kg weight
- Entrance and interior doors with moderate access frequency
- For door leaf thicknesses from 55 mm
- Integrated installation in door or frame
- Barrier-free access

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PRODUCT FEATURES

- Drive is embedded in door leaf or frame and fulfils maximum design requirements
- Opening and closing speed can be individually adjusted
- Electrical latching action which accelerates the door shortly before the closed position
- Low-energy function opens the door with reduced speed, fulfilling the highest safety requirements
- 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 is used with guide rail
- Optional rechargeable battery provides maximum safety during a power failure
- Optional radio reception board for wireless activation by radio transmitter

TECHNICAL DATA

Productname	ECturn Inside swing door drive system
Height	61 mm
Width	566 mm
Depth	45 mm
Leaf weight (max.) 1-leaf	125 kg
Leaf width (min.-max.)	700 mm - 1100 mm
Drive type	Electromechanical
Opening angle (max.)	110 °
DIN left	Yes
DIN right	Yes
Installation in the door leaf	Yes
Installation in the door frame	Yes
Electrical latching action	Yes
Activation delay (max.)	10 s
Operating voltage	110 – 230 V
Power rating	92 W
Power supply for external consumers (24 V DC)	600 mA
Service temperature	-15 - 50 °C
IP rating	IP20
Mode of operation	Off, Automatic, Permanently open, Night
Type of function	Fully automatic
Automatic function	Yes
Low-energy function	Yes
function smart swing	No
Key function	Yes
Obstacle detection	Yes

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Automatic reversing	Yes
Push & Go	adjustable
Operation	Programme switch integrated in the drive, Programme switch TPS, MPS programme switch
Parameter setting	Control unit, Programme switch DPS
Standard conformity	EN 16005
Smoke switch integrated	No

VARIANTS / ORDER INFO

Designation	Description	Ident-No.	Supply voltage	Dimensions	Leaf width (min.)
ECturn Inside swing door drive system	Integrated electromechanical swing door drive for 1-leaf single-action internal doors as "front door solution" and on the interior	149545	100 - 240 V	566 x 61 x 45 mm	700 mm

PART

GUIDE RAIL ECTURN INSIDE

For installation in the frame or door leaf



Designation	Description	Ident-No.	Colour	Dimensions
Guide rail ECturn Inside		149542	silver-coloured	440 x 12 x 20 mm
Guide rail ECturn Inside *	Can be configured: Colour, spindle extension 0 - 20 mm	150727	according to RAL	440 x 12 x 20 mm

ACCESSORIES

RECHARGEABLE BATTERY ECTURN INSIDE *

Operation safeguarded in the event of a power failure



Designation	Ident-No.	Battery capacity
Rechargeable battery ECturn Inside *	149496	650 mAh

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MECHANICAL PROGRAMME SWITCH

Mechanical programme switch for setting the mode of operation for automatic doors



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
MPS mechanical programme switch	Setting of the mode of operation of automatic doors with rotary knob, LED fault display, IP rating IP40 / suitable for switch ranges with 55x55mm switch insert	113226	alpine white	80 x 80 x 24 mm	24 V DC
MPS ST mechanical programme switch	Setting of the mode of operation of automatic doors with key, LED fault display, IP rating IP40, keyed alike cylinder, incl. 2× keys / suitable for switch ranges with 55x55mm switch insert	113227	alpine white	80 x 80 x 24 mm	24 V DC

MPS-D MECHANICAL PROGRAMME SWITCH

Mechanical programme switch for setting the mode of operation for automatic doors



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
MPS-D mechanical programme switch	Setting of the mode of operation of automatic doors with rotary knob, IP rating IP40 / suitable for switch ranges with 55x55mm switch insert	118417	alpine white	80 x 80 x 24 mm	24 V DC
MPS-D-ST mechanical programme switch	Setting of the mode of operation of automatic doors with key, LED fault display, IP rating IP40, keyed alike cylinder, incl. 2× keys / suitable for switch ranges with 55x55mm switch insert	118418	alpine white	80 x 80 x 24 mm	24 V DC

EXTERNAL PROGRAMME SWITCH ECTURN INSIDE *

Cable and housing for installation of the existing programme switch on the door's main closing edge



Designation	Description	Ident-No.	Colour
Programme switch kit	Cable and housing for installation of the existing programme switch of the Ecturn Inside on the door's main closing edge	149504	black

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INSTALLATION MATERIAL

TIMBER/METAL DOOR INSTALLATION MATERIAL

For timber or metal doors



Designation	Ident-No.	Colour	Type of installation
Installation materials timber door ECturn Inside	149500	black	Integrated
Installation materials metal door ECturn Inside	149502	black	Integrated

* 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.