

# Product data sheet

## **ECturn Inside**



Integrable electromechanical swing door drive for accessible  
single leaf doors weighing 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

## ECturn Inside

### 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 board for wireless activation by radio transmitter

### TECHNICAL DATA

Productname	ECturn Inside
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
Mechanical latching action	No
Electrical latching action	Yes
Disconnection from mains	Cable plug connection
Activation delay (max.)	20 s
Operating voltage	24 V
Power rating	75 W
Power supply for external consumers (24 V DC)	600 mA
Service temperature	-15 – 50 °C
Air humidity non-condensing (max.)	95 %
IP rating	IP20
Mode of operation	Automatic, Permanently open, Night, Off
Automatic function	Yes
Low-energy function	Yes
function smart swing	No
Servo function	No
Obstacle detection	Yes
Automatic reversing	Yes

# ECturn Inside



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

## PART

### ECTURN INSIDE

Integrable electromechanical swing door drive for accessible single leaf doors weighing up to 125 kg



### GUIDE RAIL ECTURN INSIDE

For installation in the frame or door leaf



#### Designation

Guide rail ECTurn Inside

Guide rail ECTurn Inside

### TIMBER/METAL DOOR INSTALLATION MATERIAL

For timber or metal doors



#### Designation

Installation materials timber door ECTurn Inside

Installation materials metal door ECTurn Inside

## ECturn Inside

### ACCESSORIES

#### RECHARGEABLE BATTERY ECTURN INSIDE \*

Operation safeguarded in the event of a power failure



#### Designation

Rechargeable battery ECTURN Inside \*

#### EXTERNAL PROGRAMME SWITCH ECTURN INSIDE \*

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



#### Designation

Programme switch kit

#### GC 338

Sensor strip with standby mode for the protection of automatic swing and revolving doors



Designation	Description	Ident-No.	Colour	Output	Operating voltage
GC 338 Pair of sensor strips 1200 mm	consisting of two complete sensor strips for protection of the swivelling range of automatic swing and revolving doors in accordance with DIN 18650 / EN 16005	142825	according to RAL	Electrical relay	24 V DC +/- 20%
GC 338 Pair of sensor strips 1500 mm	consisting of two complete sensor strips for protection of the swivelling range of automatic swing and revolving doors in accordance with DIN 18650 / EN 16005	142827	according to RAL	Potential-free relay contact	24 V DC +/- 20%
GC 338 Pair of sensor strips 1500 mm	consisting of two complete sensor strips for protection of the swivelling range of automatic swing and revolving doors in accordance with DIN 18650 / EN 16005	142757	EV1	Electrical relay	24 V DC +/- 20%
GC 338 Pair of sensor strips 1200 mm	consisting of two complete sensor strips for protection of the swivelling range of automatic swing and revolving doors in accordance with DIN 18650 / EN 16005	142219	EV1	Electrical relay	24 V DC +/- 20%

## KFT ELBOW SWITCH

Plastic elbow switch, IP rating IP20, for activation of automatic doors



### Designation

KFT elbow switch

KFT elbow switch

## LS 990 ELBOW SWITCH

Elbow switch for activating automatic doors



### Designation

LS 990 elbow switch

LS 990 elbow switch

LS 990 elbow switch

LS 990 elbow switch

## LED SENSOR SWITCH \*

Switch for activating automatic doors



### Designation

LED sensor switch \*

LED sensor switch glass \*

**GC 335**

Sensor strip with high safety standard for protecting automatic swing and revolving doors

**Designation**

GC 335 Sensor strip 1400 mm
GC 335 Sensor strip 310 mm
GC 335 Sensor strip 1400 mm
GC 335 Sensor strip 900 mm
GC 335 Sensor strip 1400 mm
GC 335 Sensor strip 310 mm
GC 335 Sensor strip 900 mm

**GC 304**

Radar movement detector with individual adjustment option for activating automatic doors

**Designation**

GC 304 R Radar movement detector
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**WRB-5 \***

Radio reception board for Ecturn, Ecturn Inside and Powerturn swing door drives

**Designation**

Radio reception board WRB-5 *
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**WTH \***

Remote control for activating GEZE automatic doors and window drives via the GEZE wireless programme

**Designation**

WTH-2 remote control, 2 channel *
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WTH-4 remote control, 4 channel *
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WTH-1 remote control, 1 channel *
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**GC 302**

Radar movement detector for the activation of automatic doors

**Designation**

GC 302 R radar movement detector
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GC 302 R radar movement detector
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**GC 307+ \***

Non-contact proximity switch for activating automatic doors

**Designation**

GC 307+ (hand icon) *
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GC 307+ (WC icon) *
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GC 307+ (hand icon) *
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GC 307+ (WC icon) *
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**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
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



**GC 342+ \***

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



Designation	Description	Ident-No.	Colour	Dimensions	Output
GC 342+ (left module) *	Laser scanner with four laser curtains for optimal protection of the hazardous areas – including the secondary closing edge – of automatic swing doors; additional output for non-contact activation / consisting of sensor module, cable and accessories	198693	stainless steel colour	145 x 88 x 68 mm	3 potential-free relay contacts
GC 342+ (left module) *	Laser scanner with four laser curtains for optimal protection of the hazardous areas – including the secondary closing edge – of automatic swing doors; additional output for non-contact activation / consisting of sensor module, cable and accessories	198669	black	145 x 88 x 68 mm	3 potential-free relay contacts
GC 342+ (left module) *	Laser scanner with four laser curtains for optimal protection of the hazardous areas – including the secondary closing edge – of automatic swing doors; additional output for non-contact activation / consisting of sensor module, cable and accessories	198671	white	145 x 88 x 68 mm	3 potential-free relay contacts
GC 342+ (right module) *	Laser scanner with four laser curtains for optimal protection of the hazardous areas – including the secondary closing edge – of automatic swing doors; additional output for non-contact activation / consisting of sensor module, cable and accessories	198694	stainless steel colour	145 x 88 x 68 mm	3 potential-free relay contacts
GC 342+ (right module) *	Laser scanner with four laser curtains for optimal protection of the hazardous areas – including the secondary closing edge – of automatic swing doors; additional output for non-contact activation / consisting of sensor module, cable and accessories	198670	black	145 x 88 x 68 mm	3 potential-free relay contacts
GC 342+ (right module) *	Laser scanner with four laser curtains for optimal protection of the hazardous areas – including the secondary closing edge – of automatic swing doors; additional output for non-contact activation / consisting of sensor module, cable and accessories	198692	white	145 x 88 x 68 mm	3 potential-free relay contacts

**LED SENSOR FOOT SWITCH \***

Switch for activating automatic doors



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## Designation

LED sensor foot switch \*

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## AS 500 \*

AS emergency stop switch with glass pane and five interchangeable labels ("Nottaster öffnen", "Notschalter", "Emergency switch", "Tür schließen" and without text)



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## Designation

AS 500 emergency stop switch

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## AIR 20

Active infrared light switch for monitoring the door handle of automatic swing doors



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## Designation

AIR 20-Var

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## EFT ELBOW SWITCH \*

Stainless steel elbow switch with IP65 IP rating for activating automatic doors



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## Designation

EFT elbow switch

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## MINI LED SENSOR SWITCH \*

Activation of all GEZE automatic doors



### Designation

LED sensor switch 20 mm \*

## TPS

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

### Designation

TPS keypad programme switch

TPS keypad programme switch and SCT key switch

## AS 500 ROCKER PUSH BUTTON

Activation of all GEZE automatic doors



### Designation

AS 500 rocker push button

## PULL SWITCH \*

For triggering calls in barrier-free bathrooms or WCs



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## Designation

Pull switch

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## GC 308 \*

Radar movement detector with individual adjustment option for activating automatic doors



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## Designation

GC 308 R radar movement detector \*

GC 308 R radar movement detector \*

GC 308 R radar movement detector \*

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## DIGITAL PROGRAMMABLE TIMER \*

For time-controlled changes of modes of operation on automatic doors



## REED SWITCH \*

For non-contact monitoring of the door leaf position



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## Designation

Reed switch \*

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## E2 ROCKER PUSH BUTTON

Activation of all GEZE automatic doors



### Designation

E2 rocker push button

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## LS 990 ROCKER PUSH BUTTON

Activation of all GEZE automatic doors



### Designation

LS 990 rocker push button

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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.