

Product data sheet

ECturn



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
- Automation of frameless all-glass doors
- Door leaf installation and transom installation
- Barrier-free access

PRODUCT FEATURES

- Opening and closing speed can be individually adjusted
- Electrical latching action 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
- 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 guide rail or link arm
- Glass guide rail available for use on glass doors with a glass thickness of 8-10 mm
- Optional rechargeable battery provides maximum safety during a power failure
- Optional radio board for wireless activation by radio transmitter

TECHNICAL DATA

Productname	ECturn
Leaf weight (max.) 1-leaf	125 kg
Leaf width (min.-max.)	650 mm - 1100 mm
Reveal depth (max.)	200 mm
Door overlap (max.)	50 mm
Drive type	Electromechanical
Opening angle (max.)	110 °
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 opposite hinge side with roller guide rail	Yes
Door leaf installation hinge side with roller guide rail	Yes
Door leaf installation hinge side with link arm	Yes
Electrical latching action	Yes
Disconnection from mains	Main switch in the drive
Activation delay (max.)	20 s
Power rating	75 W
Power supply for external consumers (24 V DC)	600 mA
Operating temperature	-15 °C - 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
Obstacle detection	Yes
Automatic reversing	Yes
Push & Go	adjustable
Operation	Programme switch integrated in the drive, Programme switch TPS
Parameter setting	Control unit, Programme switch DPS
Approvals	EN 16005, DIN 18650

PART**ECTURN**

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



Name	Description	Ident-No.	Supply voltage	Leaf width (min.)	Leaf width (max.)
Ecturn	Electromechanical swing door drive for 1-leaf single-action doors	134536	110 - 230 V	650 mm	1100 mm

LINK ARM ECTURN

For transom installation on opposite hinge side or door leaf installation on hinge side for reveal depths of 0 - 200 mm



Name	Description	Ident-No.	Colour
Link arm Ecturn	for reveal depth 90-200 mm	134664	silver-coloured
Link arm Ecturn	for reveal depth 0-100 mm	134663	silver-coloured
Link arm Ecturn	for reveal depth 90-200 mm	135933	acc. to RAL
Link arm Ecturn	for reveal depth 0-100 mm	135932	acc. to RAL

COVER ECTURN

For the Ecturn swing door drive



Name	Ident-No.	Colour	Length
Cover Ecturn	133196	EV1	572.5 mm
Cover Ecturn	134291	acc. to RAL	572.5 mm

GUIDE RAIL ECTURN

For opposite hinge side



Name	Description	Ident-No.	Colour	Length
Guide rail Ecturn	for opposite hinge side	135971	acc. to RAL	485 mm
Glass guide rail Ecturn	for opposite hinge side	145587	acc. to RAL	485 mm
Glass guide rail Ecturn	for opposite hinge side	140115	EV1	485 mm
Guide rail Ecturn	for opposite hinge side	135969	EV1	485 mm

GUIDE RAIL ECTURN

For hinge side



Name	Description	Ident-No.	Colour	Length
Glass guide rail Ecturn	for hinge side	140114	EV1	415 mm
Guide rail Ecturn	for hinge side	135119	acc. to RAL	415 mm
Guide rail Ecturn	available with spindle extension from 6 to 26 mm (only suitable for mounting on the hinge side)	134073		415 mm
Guide rail Ecturn	for hinge side	135117	EV1	415 mm
Glass guide rail Ecturn	for hinge side	145586	acc. to RAL	415 mm

MOUNTING PLATE ECTURN

For installing the drive on the frame or the door leaf



Name	Ident-No.	Colour	Dimensions
Mounting plate Ecturn	133454	acc. to RAL	580 x 60 x 5 mm
Mounting plate Ecturn	133452	silver-coloured	580 x 60 x 5 mm

ACCESSORY**RECHARGEABLE BATTERY ECTURN**

Operation safeguarded in the event of a power failure



Name	Ident-No.
Rechargeable battery Ecturn	131473

ELBOW SWITCH

Plastic elbow switch, IP rating IP30, for activation of automatic doors



Name	Description	Ident-No.	Colour	Dimensions	Type of installation
GEZE plastic elbow switch	Very flat design, IP rating IP30	114077	stainless steel optic	90 x 180 x 23 mm	Surface-mounted installation
GEZE plastic elbow switch	Very flat design, IP rating IP30	114078	white	90 x 180 x 23 mm	Surface-mounted installation