

Product data sheet

ECchain



Chain drive with universal consoles for simple automation in ventilation operation

AREAS OF APPLICATION

- Natural ventilation (230 V) also designed for private homes
- Inward- and outward-opening windows with bottom-hung, top-hung and side-hung leaves
- Installation on wooden, PVC or metal windows
- Frame installation

PRODUCT FEATURES

- Cost-effective and powerful chain drive for 230 V ventilation applications
- Variable stroke adjustment to 200 mm or 400 mm possible for different ventilation requirements
- Universal brackets and consoles for profile systems available on the market as standard
- Fast and simple installation
- Variable use on small fanlights

TECHNICAL DATA

Productname	ECchain
Space required on frame (min.)	Frame installation inward-opening: 55 mm, frame installation outward-opening: 35 mm
Space requirement on leaf (min.)	Frame installation inward-opening: 37 mm, frame installation outward-opening: 20 mm
Possible stroke heights	200 mm, 400 mm
Opening speed ventilation	9 mm/s
Closing speed	9 mm/s
Tensile force (max.)	250 N
Force of pressure (max.)	250 N
Holding force (max.)	1800 N
Leaf weight (max.)	200 kg*
Overlap range	10 - 23 mm
Operating voltage	230 V ± 10 %
Current consumption	0.13 A
Current consumption	0.13 A
Power consumption (max.)	30 W
Duty rating	30 %
Cable dimensions	4 cores 0.75 mm ²
Temperature range	-5 °C - 60 °C
IP rating / protection rating	IP30 / II
End position cut-off extended	Limit switches
End position cut-off retracted	electronic via current consumption
Overload cut-off	Yes
Bottom-hung window INWARD-opening frame installation	Yes
Side-hung window INWARD-opening frame installation	Yes
Side-hung window OUTWARD-opening frame installation	Yes
Top-hung window OUTWARD-opening frame installation	Yes

SAFETY NOTICE

Falling window leaves can be a considerable risk to life and limb of persons in the vicinity. Therefore, the use of GEZE safety scissor stays is mandatory when using GEZE drives on bottom-hung windows.

VARIANTS / ORDER INFO

Name	Description	Ident-No.	Colour	Length
ECchain	including console for inward and outward opening	148260	white RAL 9010	409 mm
ECchain	including console for inward and outward opening	148259	grey RAL 7035	409 mm
ECchain	including console for inward and outward opening	148258	black RAL 9005	409 mm

ACCESSORY

SAFETY SCISSOR STAY NO. 35

For protection of bottom-hung leaves



Name	Description	Ident-No.	Colour
Safety scissor stay no. 35	Fix pack available from stock (10 pcs), minimum leaf height 300mm	014499	galvanised

SAFETY SCISSOR NO. 60

For protection of bottom-hung leaves



Name	Description	Ident-No.	Colour
Safety scissor stay no. 60	Fix pack available from stock (10 pcs), minimum leaf height 700mm	133814	galvanised