

Product data sheet

ECchain *



Chain drive with universal brackets 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 mountings and brackets for standard profile systems available on the market
- Fast and simple installation
- Variable use on small fanlights

TECHNICAL DATA

Productname	ECchain *
Space needed 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
Opening speed ventilation	9 mm/s
Closing speed (max.)	9 mm/s
Force of pressure (max.)	250 N
Holding force (max.)	1800 N
Tensile force	250 N
Leaf weight	200 kg*
Overlap range	10 - 23 mm
Voltage at operation	230 V ± 10 %
Operating voltage	230 V
Current consumption	0.13 A
Power consumption	30 W
Duty rating	30 %
Min. core cross section	0.75 mm ²
Number of cores	4 cores
Service temperature	-5 - 60 °C
IP rating	IP30
protection rating	II
End position cut-off extended	Limit switches
End position cut-off retracted	electronic via current consumption
Overload cut-off	Yes
KNX ability	No
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

VARIANTS / ORDER INFO

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

ACCESSORIES

SAFETY SCISSORS NO. 35

For protection of bottom-hung leaves



Designation	Description	Ident-No.	Colour
Safety scissors no. 35	Fix pack available from stock (10 pieces), minimum leaf height 300mm	014499	Galvanised

SAFETY SCISSORS NO. 60

For protection of bottom-hung leaves



Designation	Description	Ident-No.	Colour
Safety scissors no. 60	Fix pack available from stock (10 pieces), minimum leaf height 700mm	133814	Galvanised

* 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.