

# Product data sheet

## ECchain

Chain drive with universal consoles for simple automation in ventilation operation



### 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

### Application Areas

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 Data Table

Productname	ECchain
Dimensions	409 x 44 x 63 mm
Length	with console 409 mm, without console 390 mm
Height	44 mm
Installation depth	63 mm
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
Tensile force (max.)	250 N
Force of pressure (max.)	250 N
Leaf weight (max.)	200 kg*
Overlap range	10 - 23 mm
Operating voltage	230 V $\pm$ 10 %
Current consumption	0.13 A
Current consumption	0.13 A
Power consumption	30 W
Duty rating	30 %
Cable dimensions	4 x 0.75 mm <sup>2</sup>
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

### Accessory

Product name
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Safety scissor stay no. 35
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Safety scissor stay no. 60
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