

Product data sheet

Slimchain 230 V



Chain drive in an attractive design with numerous possible applications in 230 V version

AREAS OF APPLICATION

- Natural ventilation in the façade area
- Inward- and outward-opening windows with bottom-hung, top-hung and side-hung leaves
- Outward opening projected top hung windows
- Installation on wooden, PVC or metal windows
- Leaf, frame or integrated installation



PRODUCT FEATURES

- Can be integrated perfectly into the façade design thanks to its slim and discreet look
- Fast and easy installation with the Smart fix installation system
- Direct 230 V connection of the drive via a connection terminal with cable plug
- Concealed 230 V line-feed
- Direct access to the electronics for parameter setting via service cover
- Drive stroke with variable adjustment
- Available as special version – stroke, cable length, colour and left/right alignment configurable

TECHNICAL DATA

Productname	Slimchain 230 V
Space needed on frame (min.)	Frame installation inward-opening: 40 mm, leaf installation inward-opening: 16/21 mm, frame installation outward-opening: 31 mm
Space requirement on leaf (min.)	Frame installation inward-opening: 40 mm, leaf installation inward-opening: 34/29 mm, frame installation outward-opening: 19 mm
Possible stroke heights	200 mm, 300 mm, 500 mm, 800 mm
Opening speed ventilation	5 mm/s
Closing speed	5 mm/s
Force of pressure (max.)	100 N (depending on stroke), see force-path diagram
Holding force (max.)	2000 N
Tensile force	300 N
Leaf weight	200 kg*
Overlap range	0 – 23 mm (depending on application and brackets)
Voltage at operation	230 V ± 10 %
Operating voltage	230 V
Current consumption	0.3 A
Power consumption	0,3 A
Power consumption	30 W
Duty rating	30 %
Special length of power supply cable	5 m, 7.5 m
min. core dimension	0.75 mm ²
Number of cables	3 cores
Temperature range	-5°C...+70°C
IP rating	IP30
protection rating	II
Adjustable opening speed (ventilation)	Yes
Type of stroke shortening	Synchronising unit, Factory setting
End position cut-off extended	electronic, via internal path sensor
End position cut-off retracted	electronic via current consumption
Overload cut-off	Yes



Bottom-hung window INWARD-opening frame installation	Yes
Bottom-hung window INWARD-opening leaf installation	Yes
Bottom-hung window OUTWARD-opening frame installation	Yes
Side-hung window INWARD-opening frame installation	Yes
Side-hung window INWARD-opening door leaf installation	Yes
Side-hung window OUTWARD-opening frame installation	Yes
Top-hung window INWARD-opening frame installation	Yes
Top-hung window INWARD-opening leaf installation	Yes
Top-hung window OUTWARD-opening frame installation	Yes
Projected 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 scissors is mandatory when using GEZE drives on bottom-hung windows.

VARIANTS / ORDER INFO

Name	Description	Ident-No.	Colour	Stroke	Length
Slimchain R		182590	EV1	500 mm	628 mm
Slimchain L		182570	EV1	200 mm	478 mm
Slimchain L		182593	white RAL 9016	800 mm	778 mm
Slimchain R		182582	EV1	200 mm	478 mm
Slimchain L		182584	EV1	300 mm	528 mm
Slimchain R		182591	white RAL 9016	500 mm	628 mm
Slimchain L		182571	white RAL 9016	200 mm	478 mm
Slimchain R		182595	white RAL 9016	800 mm	778 mm
Slimchain - special version	Can be configured: Stroke, cable length, colour, version L/R	182596	acc. to RAL		
Slimchain L		182588	EV1	500 mm	628 mm
Slimchain L		182585	white RAL 9016	300 mm	528 mm
Slimchain L		182592	EV1	800 mm	778 mm
Slimchain R		182586	EV1	300 mm	528 mm
Slimchain R		182594	EV1	800 mm	778 mm
Slimchain R		182587	white RAL 9016	300 mm	528 mm
Slimchain R	GEZE Slimchain 230 V AC chain drive	182583	white RAL 9016	200 mm	478 mm

Slimchain 230 V



Name	Description	Ident-No.	Colour	Stroke	Length
Slimchain L		182589	white RAL 9016	500 mm	628 mm

ACCESSORY

SAFETY SCISSORS NO. 35

For protection of bottom-hung leaves



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

SAFETY SCISSORS NO. 60

For protection of bottom-hung leaves



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

CONSOLE SET A SLIMCHAIN

For bottom-hung, side-hung and top-hung windows



Name	Description	Ident-No.	Colour
Console set A Slimchain	For bottom-hung, side-hung and top-hung windows, frame installation INWARD	147061	white RAL 9016
Console set A Slimchain	For bottom-hung, side-hung and top-hung windows, frame installation INWARD	147060	black

CONSOLE SET B SLIMCHAIN

For bottom-hung, side-hung and top-hung windows



Name	Description	Ident-No.	Colour
Console set B Slimchain	For bottom-hung, side-hung and top-hung windows, leaf installation INWARD and frame installation OUTWARD	147063	white RAL 9016
Console set B Slimchain	For bottom-hung, side-hung and top-hung windows, leaf installation INWARD and frame installation OUTWARD	147062	black

CONSOLE SET C SLIMCHAIN

For bottom-hung and side-hung windows



Name	Description	Ident-No.	Colour
Console set C Slimchain	For bottom-hung and side-hung windows, frame installation integrated INWARD OPENING	155878	silver-coloured

CHOICE OF CONSOLES FOR SLIMCHAIN

Special version can be configured in terms of opening type and colour



Name	Description	Ident-No.	Colour
Slimchain special version console set	Can be configured: Type of opening, colour	147071	acc. to RAL

LIN PARAMETER SETTING ADAPTER

Enables the connection of the GEZE service terminal ST 220 to the GEZE Slimchain chain drive 230 V for setting parameters via LIN-BUS



Name	Description	Ident-No.
LIN parameter setting adapter	Enables the connection of the GEZE service terminal ST 220 to the GEZE Slimchain chain drive 230 V for setting parameters via LIN-BUS	179238

LTA-LSA

Vent switch with rotary knob for OPEN / CLOSE



Name	Description	Ident-No.	Colour
vent switch/button LTA-LSA	with rotary knob, can be used as "open/close" for vent switch or as latching for vent switch "open/stop/close"	118476	alpine white

WRM-230

Receiving module for activating window drives with 230 V DC

**WTH**

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

Name	Description	Ident-No.	Dimensions	Operating voltage	Type of installation
WTH-2 Remote control 2 channels	with wall fixing and IP rating IP54	131210	78 x 51 x 15 mm	12 V DC	Wall installation
WTH-4 Remote control 4 channels	with wall fixing and IP rating IP54	131211	78 x 51 x 15 mm	12 V DC	Wall installation
WTH-1 Remote control 1 channel	with wall fixing and IP rating IP54	131209	78 x 51 x 15 mm	12 V DC	Wall installation

WTM

Transmitting module for activating GEZE automatic doors and window drives via the GEZE wireless programme



Name	Description	Ident-No.	Dimensions	Operating voltage
WTM Transmitting module	44 x 30 x 11 mm (W x H x D), for optional integration in push button	131212	44 x 30 x 11 mm	3 V DC

WRM-230B

Receiving module for activating window drives with 230 V DC

