

# 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 *
Dimensions	25 x 44 mm
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
Opening speed ventilation	5 mm/s
Closing speed (max.)	5 mm/s
Force of pressure (max.)	100 N (depending on stroke), see force-path chart
Locking force (max.)	2000 N
Tensile force	300 N
Leaf weight	200 kg*
Overlap area	0 - 23 mm (depending on the application and bracket set)
Voltage at operation	230 V ± 10 %
Operating voltage	230 V
Current consumption	0.3 A
Power consumption	30 W
Duty rating	30 %
Special length of connector cable	5 m, 7.5 m
Min. core cross section	0.75 mm <sup>2</sup>
Number of cores	3 cores
Service temperature	-5 - 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	electronically via current consumption
Overload cut-off	Yes
KNX ability	No



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

#### VARIANTS / ORDER INFO

Designation	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	according 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		182583	white RAL 9016	200 mm	478 mm
Slimchain L		182589	white RAL 9016	500 mm	628 mm

## ACCESSORIES

### SAFETY SCISSORS NO. 35

For protection of bottom-hung leaves



Designation	Description	Ident-No.	Colour	Leaf weight (max.)
Safety scissors no. 35	Fix pack available from stock (10 pieces), minimum leaf height 300mm	014499	Galvanised	270 kg

### SAFETY SCISSORS NO. 60

For protection of bottom-hung leaves



Designation	Description	Ident-No.	Colour	Leaf weight (max.)
Safety scissors no. 60	Fix pack available from stock (10 pieces), minimum leaf height 700mm	133814	Galvanised	240 kg

### BRACKET SET A SLIMCHAIN

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



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

**BRACKET SET B SLIMCHAIN**

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



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

**BRACKET SET C SLIMCHAIN**

For bottom-hung and side-hung windows



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

**CHOICE OF BRACKETS FOR SLIMCHAIN**

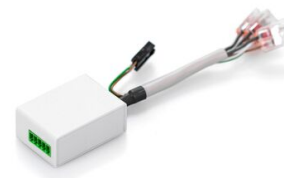
Special version can be configured in terms of opening type and colour



Designation	Description	Ident-No.	Colour
Bracket set Slimchain special version	Can be configured: Type of opening, colour	147071	according to RAL

**LIN PARAMETER SETTING ADAPTER**

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



Designation	Description	Ident-No.	Operating voltage
LIN parameter setting adapter	Enables the connection of the GEZE ST 220 service terminal to the GEZE Slimchain 230 V chain drive for parameter setting via LIN-BUS	179238	24 V DC

**LTA-LSA \***

Vent switch with rotary knob for OPEN / CLOSE



Designation	Description	Ident-No.	Colour	Dimensions	Type of installation
LTA-LSA vent switch *	with rotary knob, can be used as "open-close" vent switch or stay-put as vent switch "open-stop-close"	118476	alpine white	80 x 80 mm	Flush-mounted installation

**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



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

**WTM**

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



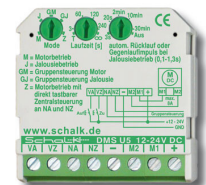
Designation	Description	Ident-No.	Dimensions	Operating voltage	Type of installation
WTM transmitting module	44 x 30 x 11 mm (W x H x D), for optional integration in push button	131212	44 x 30 x 11 mm	3 V DC	Integrated

**WRM-230B**

Receiving module for activating window drives with 230 V DC

**OPEN/CLOSE WINDOW CONTROL \***

Open/Close window controller for simple ventilation control



Designation	Description	Ident-No.	Dimensions	Operating voltage	Type of installation
OPEN/CLOSE window control unit 24 V - HS *	Control unit (individual, group, central, time) for 24 V window drives for installation on a top hat rail. Output current max. 8 A	163812	18 x 88 x 58 mm	24 V	Top hat rail mounting
OPEN/CLOSE window control unit 24 V - UP *	Control unit (individual, group, central, time) for 24 V window drives for installation in a flush-mounted box. Output current max. 8 A	163813	43 x 43 x 18.5 mm	24 V	Flush-mounted installation
OPEN/CLOSE window control unit 230 V - HS *	Control unit (individual, group, central, time) for 230 V window drives for installation on a top hat rail. Output current max. 10 A	163814	18 x 88 x 58 mm	230 V	Top hat rail mounting
OPEN/CLOSE window control unit 230 V - UP *	Control unit (individual, group, central, time) for 230 V window drives for installation in a flush-mounted box. Output current max. 10 A	163815	43 x 43 x 18.5 mm	230 V	Flush-mounted installation
OPEN/CLOSE universal window control 230 V AC - TOP HAT RAIL *	Control (individual, group, central, time) with potential-free inputs for 230 V window drives for installation on a top hat rail. Output current max. 10 A	163816	18 x 88 x 58 mm	230 V	Top hat rail mounting

## Slimchain 230 V \*



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\* 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.