

Product data sheet

Slimchain

Chain drive in an attractive design with numerous possible applications in 24 V version



Product features

Slim and discreet appearance integrates perfectly into the façade design
Continuously adjustable drive stroke and individual speeds for ventilation and smoke and heat extraction
Available as special version - stroke, cable length, colour and alignment configurable to left hand/right hand door
Synchronisation of max. four drives without external control unit
DIP switches for changing the mode of operation (Solo and Syncro, master, slave)
Fast and easy installation with the Smart fix installation system
IQ windowdrive - intelligent drive control
SHEV tested according to EN 12101-2

Application Areas

Smoke and heat extraction system and natural ventilation (24 V) in the façade area
Can be used in exhaust air and fresh air systems
Inward- and outward-opening windows with bottom-hung, top-hung and side-hung leaves
Projected top hung and parallel opening windows
Installation on wooden, PVC or metal windows
Leaf, frame or integrated installation
System solution in combination with the Power lock locking drive

Product Data Table

Productname	Slimchain
Dimensions (W x H x D)	Length x 25 x 44 mm
Length	Stroke 300: 560 mm, stroke 500: 660 mm, stroke 800: 810 mm (each with consoles)
Height	25 mm
Depth	44 mm
Space required 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	300 mm, 500 mm, 800 mm
Opening speed RWA	15 mm/s
Opening speed ventilation	5 mm/s
Tensile force (max.)	300 N
Force of pressure (max.)	100 N (depending on stroke), see force-path diagram

Holding force (max.)	2000 N
Leaf weight (max.)	200 kg*
Overlap range	0 - 23 mm (depending on application and brackets)
Operating voltage	24 V, $\pm 25\%$
Current consumption	1.1 A
Current consumption	Ventilation (24 V): 0.9 A; RWA (18 V): 1.1 A
Power consumption (max.)	22 W
Duty rating	30 %
Special length of power supply cable	5 m, 7.5 m
Cable dimensions	4 x 0.75 mm ²
Temperature range	-5 °C - 70 °C
IP rating / protection rating	IP40 / III
Syncro function	Yes
Adjustable opening speed (ventilation)	Yes
Additional locking available	Yes
Type of additional locking	Locking drive
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
Complete opening within 60 s	yes, including locking drive
SHEV tested	Yes
SHEV additional information	yes, including locking drive
Synchronisation (max.)	4 drives
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 OUTWARD-opening frame installation	Yes
Projected top-hung window OUTWARD-opening frame installation	Yes

Parallel-opening window OUTWARD-opening frame installation Yes

Accessory

Product name
IQ box KNX
Slimchain special version console set
Console set A Slimchain
Console set B Slimchain
Console set C Slimchain
Console set P Slimchain
Safety scissor stay no. 35
Safety scissor stay no. 60
Service case IQ windowdrive