

CHAIN DRIVE KS4



Maximum power in minimum space: The KS4 ensures large opening widths in confined installation situations and inspires with its consistent modularity.

Chain Drive KS4

High performance in a compact format.

The elegant all-rounder for smoke and heat extraction as well as for natural ventilation is impressive in terms of modularity. The drive creates design freedom, enables simple installation and integrates seamlessly into modern facade systems.



Unique power:

In the smallest space, the KS4 applies 400 N of force to the chain.



Reliable function:

Long-lasting construction made of high-quality materials, with a wear-free stainless steel chain.



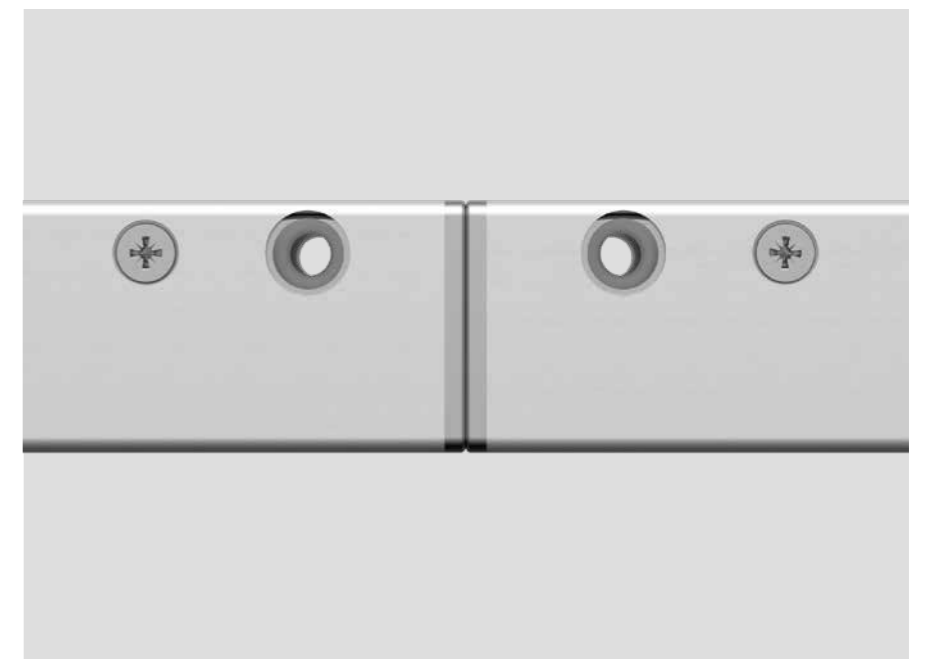
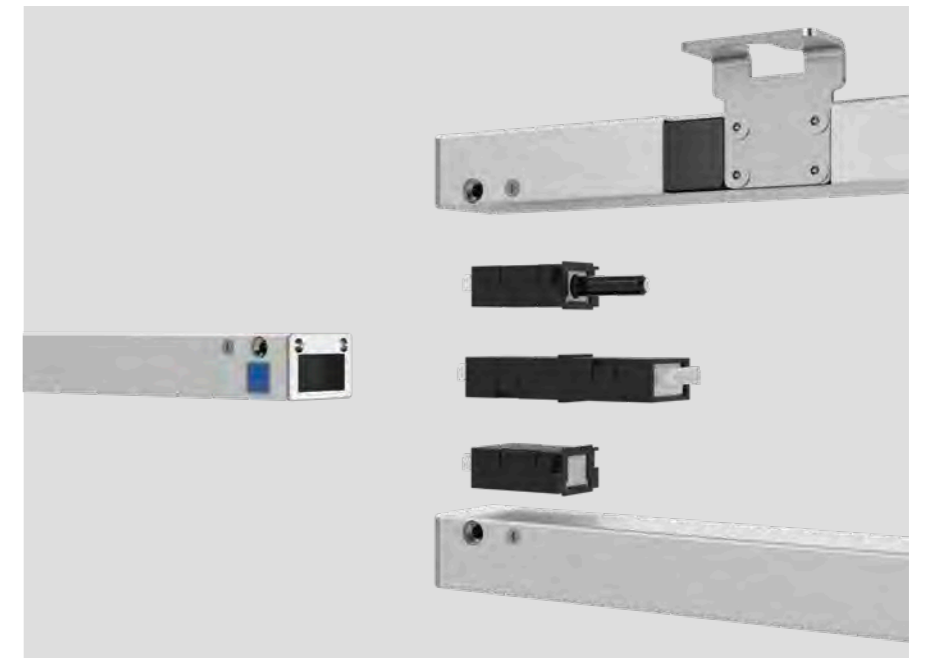
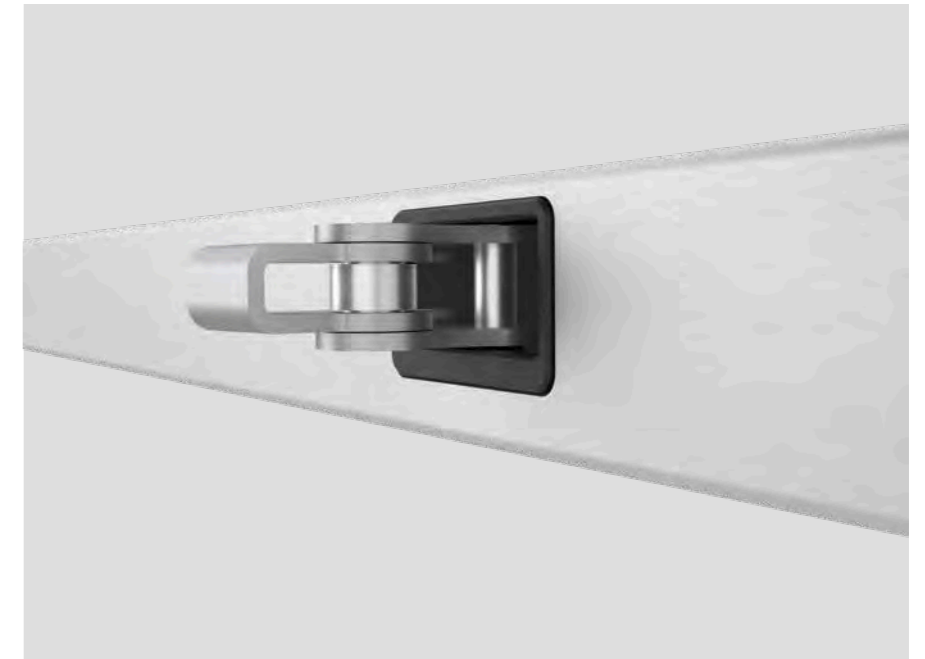
Quick installation:

Universally applicable drive, direct installation without brackets, integrated plug solution.



Self-learning:

Configuration to a drive network system takes place automatically via the pluggable M-COM Click.

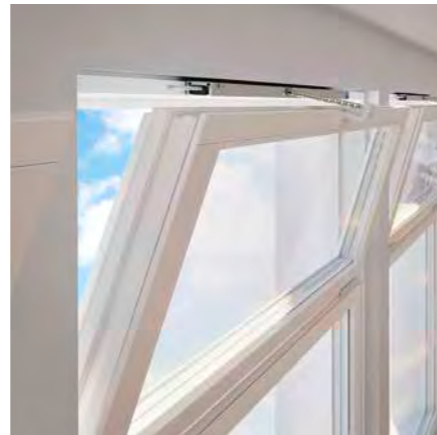


Design freedom

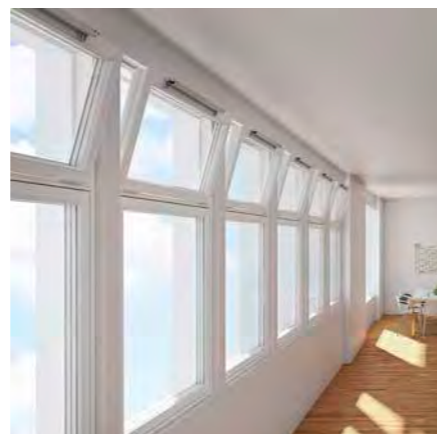
Elegant shape. Versatile installation options.

The KS4 integrates excellently - whether surface-mounted or profile-mounted. What it achieves causes quite a stir: The small, powerful drive enables particularly large opening widths.

Frame installation:
The KS4 in the extra-slim aluminium housing fits into the reveal of the window in a space-saving way.



Casement installation:
If the space on the frame is limited, the KS4 can be fixed to the casement of the window.



Integrated installation: For inconspicuous solutions, the KS4 can be profile-integrated thanks to its compact dimensions.

"Modern facades are complex high-tech constructions. You need smart window drives for this. The KS4 from AUMÜLLER combines top performance with design freedom."

Norbert Holzhammer, Head of Sales

Large opening width

Quality and versatility, safely combined.

The wear-free stainless steel chain guarantees uncompromising power transmission and smooth running in every application.



Drawbridge solution:

For inward-opening bottom-hung windows, this synchronised drive solution enables large opening widths of up to 90°.



DrehVolution:

For the automation of side-hung windows, the force of the KS4 is transmitted via a rotating casement bracket. Windows can be opened up to 70°.



Side bow chain:

The flexibility of the side bow chain enables large opening widths of up to 90° for narrow windows from 170 mm casement width.



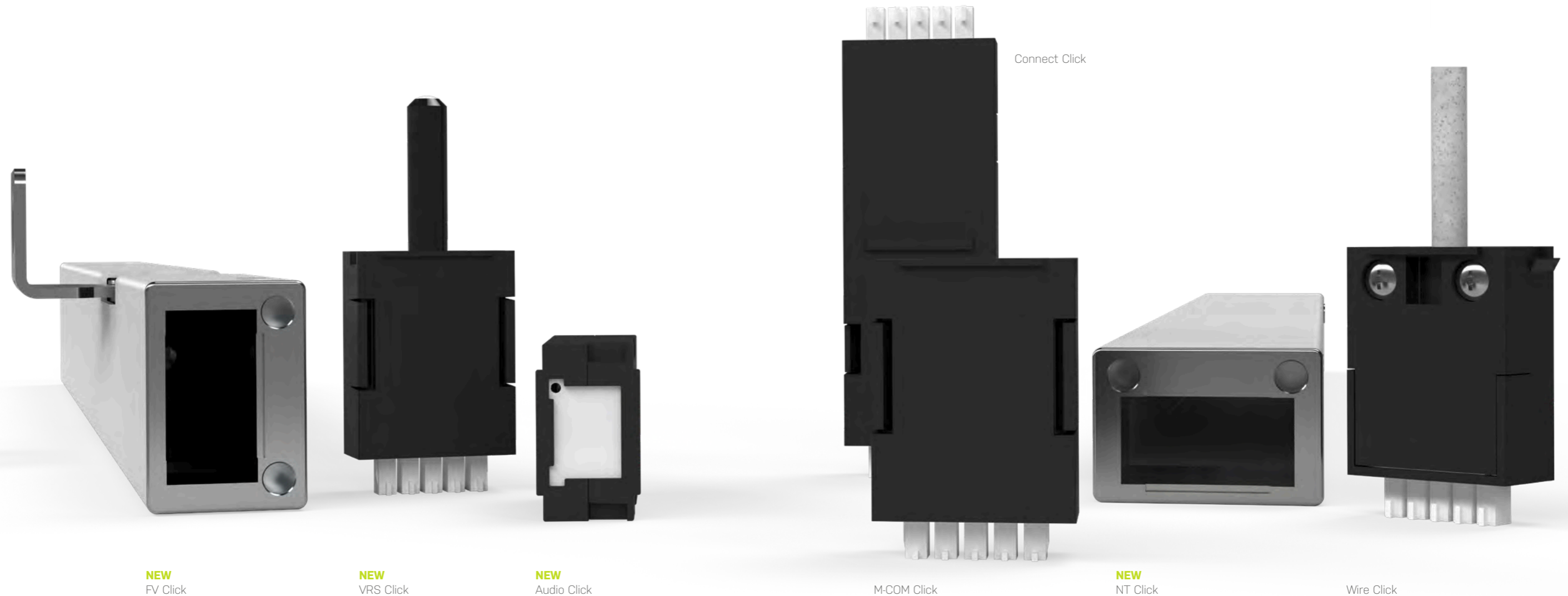
Click system

Create customised solutions. With a simple Click.

With the Click solutions from AUMÜLLER, KS4 drives can be customised in no time at all. By combining the different components, individual solutions are created - without any tools or tedious configurations.

The ingenious Click system eliminates the need for a lot of connection and programming work. This saves valuable working time and makes life easier for staff. In addition, errors during installation are almost impossible.

The many possible combinations of KS4, FV Click, NT Click and numerous Click modules create modular, individual solutions.



NEW
FV Click

NEW
VRS Click

NEW
Audio Click

M-COM Click

NEW
NT Click

Wire Click

M-COM Click & Connect Click

Full connectivity. Little work involved.

The Click solution of the KS4 from AUMÜLLER is unique. Connect Clicks on both sides allow a flexible combination of up to three chain drives and two locking drives.

It's as simple as it looks. Even complex combinations of chain and locking drives are quickly assembled using Connect Click.



NEW

FV Click

Strong interlock, flush integrated.

Where the use of locking drives is required, the FV Click shows its Click advantage. It connects flush to the chain drive KS4 and joins seamlessly with it to form a single unit.



The configuration of synchronous operation and sequence control in the drive system takes place automatically via the plug-in M-COM Click. This saves time and reduces errors in the programming work.

NEW

NT Click

The power supply unit becomes part of the whole system.

Many wiring questions are answered with a single Click. Because AUMÜLLER makes the power supply part of the overall system. Just one click and the power pack supplies energy for up to two chain drives and two locking drives.



The power supply unit consistently continues the aesthetic design language of the KS4. Flexibly combined modules become a compact solution that simplifies many planning and implementation steps thanks to its uniform dimensions.

NEW

Vent Radio System

This is how easy it is to install your ventilation solution.

The new Vent Radio System turns all windows with KS4 drives into an individually remote-controlled ventilation solution in no time at all.



Wireless control of up to four windows individually.

A remotely controllable ventilation system adjusts the room climate to people's personal needs. This increases your quality of life and productivity. The Vent Radio System from AUMÜLLER simply expands the range of functions of your existing drive technology.

More functionality. Little effort.

Create ventilation comfort without any costly conversion: The particularly easy-to-install VRS Click is simply inserted into the free Click slot of the KS4. Convenient wireless integration of the VRS RainSens has also been conceived.

Easy to use, reliable and easy to install.

With the Vent Radio System, you can implement your ventilation control as a retrofit for stand-alone solutions for up to four windows. The #components are particularly easy to link. In this way, you can start using your ventilation at the touch of a button.

NEW

Smart Vent Box

Implementing ventilation systems is so easy.



The right solution for every application:
SVB Modbus, SVB Flex, SVB 0-10 V & SVB KNX.

Where the KS4 is used for automated ventilation, the Smart Vent Box from AUMÜLLER provides the right signals. The retrofittable, compact control modules simplify the creation of ventilation systems in several ways. Due to their compact design, they fit into any standard flush-mounted box. The spring-loaded clamps allow wiring without tightening a lot of screws. The automated learning takes place at the push of a button, without any additional programming steps. A test run for function checking is started via an integrated ventilation button.

Quality down to the smallest detail - because endurance counts.

KS4 features and technical data

Operating voltage	24 V DC
Cut-off current	1.2 A
Protection type	IP32
Ambient temperature	-5 °C ... +60 °C
Tensile force/thrust max.	400 N
Holding force	1,800 N (depending on mounting)
Chain	Stainless steel without protruding rivet heads
Connection cable	Halogen-free, grey 5 x 0.5 mm ² , ~ 3 m
Speed	Programmable 5 - 14 mm/s
Stroke	200–1,000 mm

Ordering details KS4

Product name KS4 R	Item no.
KS4 200 S12 24 V R	522020
KS4 300 S12 24 V R	522030
KS4 400 S12 24 V R	522040
KS4 500 S12 24 V R	522050
KS4 600 S12 24 V R	522060
KS4 800 S12 24 V R	522080
KS4 1.000 S12 24 V R	522000
Product name KS4 L	Item no.
KS4 200 S12 24 V L	520120
KS4 300 S12 24 V L	520130
KS4 400 S12 24 V L	520140
KS4 500 S12 24 V L	520150
KS4 600 S12 24 V L	520160
KS4 800 S12 24 V L	520180
KS4 1.000 S12 24 V L	520100



DrehVolution



- For the realisation of large opening widths up to 70°
- Casement bracket for installation on side-hung window casement
- Simple, flexible installation

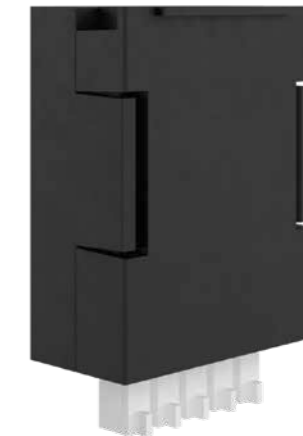
Features and technical data

Opening width	Up to 70°
Dimensions (W x H x D)	55.5 x 73 x 55 mm

Ordering details

Product name	Item no.
DrehVolution – KS4 – Set 1 (Right)	522035
DrehVolution – KS4 – Set 2 (Left)	520035

M-COM Click



- Automatic configuration of synchronous operation and sequencing in the drive system
- The optical display indicates successful configuration and the number of connected components as well as any faults
- For max. four chain and two locking drives

Features and technical data

Operating voltage	24 V DC
Dimensions (W x H x D)	40 x 26 x 15 mm

Ordering details

Product name	Item no.
M-COM Click	524167

Audio Click



- Module with acoustic signal indicates the closing of the window
- With teach-in button and built-in status display
- M-COM function already integrated

Features and technical data

Operating voltage	24 V DC
Dimensions (W x H x D)	40 x 26 x 15 mm

Ordering details

Product name	Audio Click
Item no.	524122

Connect Click



- Twist-proof plug for connecting power supply, chain and locking drives
- Optically continuous view at the window, free of unsightly, visible cables

Features and technical data

Operating voltage	24 V DC
Dimensions (W x H x D)	70 x 26 x 13 mm

Ordering details

Product name	Connect Click
Item no.	524123

FV Click



- Locking unit with Click slot for easy connection with NT Click power supply unit and chain drives
- Aesthetic housing in KS4-identical look
- Automatic configuration of the closing sequence circuit by M-COM Click

Features and technical data

Operating voltage	24 V DC
Max. thrust	600 N
Power consumption	0.8 A
Dimensions (W x H x D)	375 x 24 x 35 mm
Ambient temperature	-5 °C ... +60 °C
Protection type	IP32

Ordering details

Product name	FV Click
Item no.	515945

NT Click



- Click slot for easy connection with locking and chain drives
- Aesthetic housing in KS4-identical look
- Automatic configuration of the closing sequence circuit by M-COM Click

Features and technical data

Operating voltage	230 V AC
Output voltage	24 V DC
Output current	2.5 A
Dimensions (W x H x D)	326.5 x 24 x 35 mm
Ambient temperature	-5 °C ... +40 °C
Protection type	IP32

Ordering details

Product name	NT Click
Item no.	495151

VRS Click



- Wireless module can be retrofitted at any time
- Turns any chain drive with a free Click slot into a radio-controlled drive
- Higher-level signals such as VRS RainSens are teachable
- M-COM function already integrated
- With teach-in button and built-in status display

Features and technical data

Operating voltage	24V DC
Frequency band	434 MHz
Dimensions (W x H x D)	40 x 26 x 15 mm

Ordering details

Product name	VRS Click
Item no.	660200

VRS Remote



- Remote control with four user-friendly rocker switches, one for each VRS Click
- Optical status display
- With simple teach-in, VRS Click and VRS RainSens are programmed into the VRS Remote

Features and technical data

Power supply	2 x AA batteries (included)
Frequency band	434 MHz
Dimensions (L x W x H)	144 x 41 x 18 mm

Ordering details

Product name	VRS Remote
Item no.	660201

VRS RainSens



- Rain sensor with heated sensor surface
- Available in 24 V and 230 V version
- Wireless connectivity between VRS RainSens and VRS Click

Features and technical data

Dimensions (L x W x H)	80 x 80 x 57 mm
Colour	RAL 7001
Protection type	IP65
24 V DC version	Radio and switching contact
Operating voltage	24 V DC
230 V AC version	Radio and switching contact
Operating voltage	110 – 230 V AC

Ordering details

Product name	Item no.
VRS RainSens – 24 V	660202
VRS RainSens – 230 V	660203

SVB Flex



- Custom setting of the opening speed and the maximum opening width for ventilation operation
- Test run through integrated ventilation button

Features and technical data

Operating voltage	24 V DC
Connections	1 x drive group 1 x input for external, higher-level signals 1 x ventilation button connection
Dimensions (W x H x D)	40.5 x 48.5 x 28.3 mm
Terminals	max. 1.5 mm ²

Ordering details

Product name	SVB Flex
Item no.	660110

SVB 0–10 V



- Individual setting of the opening speed and sensitivity
- Direct and continuously variable control of the opening width via 0-10 V input
- Test run through integrated ventilation button

Features and technical data

Operating voltage	24 V DC
Connections	1 x drive group 1 x input for external, higher-level signals 1 x 0-10 V input 1 x open collector
Dimensions (W x H x D)	40.5 x 48.5 x 28.3 mm
Terminals	max. 1.5 mm ²

Ordering details

Product name	SVB 0–10 V
Item no.	660120

SVB KNX



- Custom setting and operating options via the ETS KNX software
- Integration into an existing building control system with KNX system

Features and technical data

Operating voltage	24 V DC
Connections	1 x drive group 1 x ventilation button connection (optional) 1 x KNX connection
Dimensions (W x H x D)	40.5 x 48.5 x 28.3 mm
Terminals	max. 1.5 mm ² 1 x BUS plug-in terminal

Ordering details

Product name	SVB KNX
Item no.	660140

SVB Modbus



- Custom setting and operating options via the Modbus protocol software
- Integration into an existing building control system with Modbus communication

Features and technical data

Operating voltage	24 V DC
Connections	1 x drive group 1 x ventilation button connection (optional) 1 x Modbus connection
Dimensions (W x H x D)	40.5 x 48.5 x 28.3 mm
Terminals	max. 1.5 mm ² 1 x BUS plug-in terminal

Ordering details

Product name	SVB Modbus
Item no.	660130

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