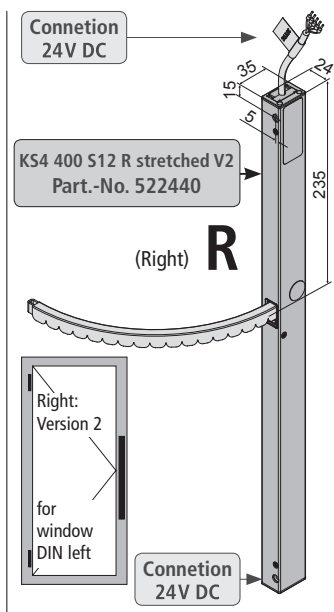
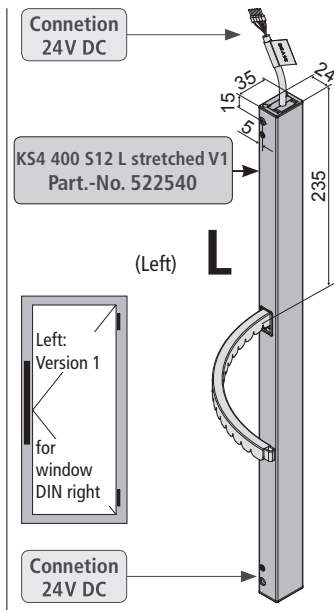


### Attached assembly



- Flexible „side bow chain“ for narrow high windows
- Attached assembly with casement bracket F42
- Application: natural ventilation, SHEV, ferralux®-NSHEV
- Internal Intelligent Control Electronics S12
- Feedback limit position „CLOSE“ (max. 24 V, 500 mA)

#### Equipment




- Additional **AUMÜLLER-Click plug set** for multi-drive operation

#### Options

- Programmable special functions
- Programmable feedback limit position „OPEN“ (max. 24V, 500 mA)
- M-COM for automatic synchronised run of multi drive systems and automatic sequence control with locking drives (S3 / S12)



### TECHNICAL DATA

$U_N$	Rated voltage	24V DC (19 V ... 28 V)
$I_N$	Rated current	0,6 A
$I_A$	Cut-off current	0,8 A
$P_N$	Rated power	22 W
<b>DC</b>	Duty cycle	5 cycles (ED 30 % - ON: 3 min./OFF: 7 min.)
	Protection rating	IP 32
	Ambient temperature range	-5 °C ... +60 °C
$F_Z$	Pulling force max.	200 N
$F_A$	Pushing force max.	200 N
$F_H$	Pullout force	1.800 N (fastening depended)
	Chain	Stainless steel, without protruding rivet heads. Simple connection to casement brackets. Small bending radii allow maximum opening angles of small windows.
	Connecting cable	non-halogen, grey 5 x 0,5 mm <sup>2</sup> , ~ 2 m
$v$	Speed	$s < 400$  8,0 mm/s  8,0 mm/s
$s$	Stroke max.	400 mm
$L$	Length	see order data
	Feedback contact	limit position „CLOSE“ (max. 24V, 500 mA)
	Sound pressure level	≤ 70 dB (A)

**AUMÜLLER** chain drives have an integrated cable routing with connection sockets on both housing ends. This enables the following options:

- **AUMÜLLER-Click plug** solution with various cabel lengths  
Part.-No.: **501251** - 3 m cable length / **501252** - 5 m cable length / **501253** - 10 m cable length
- Series connection of several drives into multi drive systems
- Power supply from both sides

ORDER DATA						
s [mm]	L [mm]	Version	Finish	PU / pcs.	Part.-No.	
400	551	KS4 400 S12 24V L stretched chain V1	E6/C-0	1	522540	
400	551	KS4 400 S12 24V R stretched chain V2	E6/C-0	1	522440	

OPTIONS			
Special model	PU / pcs.	Part.-No.	
<b>Drive housing painted/powder coated in other RAL colours</b>			
<b>Lump sum for coating</b>		516030	
Specify at order stage:	1 – 20	516004	
	21 – 50	516004	
	51 – 100	516004	
	from 101	516004	
<b>Plug solution:</b>			
<b>AUMÜLLER-Click plug solution - 3 m – non-halogen, grey – 5 x 0,5 mm<sup>2</sup></b>		501251	
<b>AUMÜLLER-Click plug solution - 5 m – non-halogen, grey – 5 x 0,5 mm<sup>2</sup></b>		501252	
<b>AUMÜLLER-Click plug solution - 10 m – non-halogen, grey – 5 x 0,5 mm<sup>2</sup></b>		501253	
<b>Microprocessor programming S12</b>			
Electronic stroke reduction 24V S12		524190	
Programming drives 24V / 230V S12		524180	
<b>Optional accessories</b>			
M-COM® Click Configuration module for synchronised multi-drive systems	1	524167	
M-COM Configuration module for synchronised multi-drive systems	1	524177	

**Attached assembly**

Opening angle 90°:  
from FAB 170 mm - 250 mm

chain back above

engine above

F42

FAB

KS4

View / cut **A – A**

Opening angle max. 90°:  
from FAB (overall width  
of casement)  
170 mm - 250 mm

FAB

F42

90°

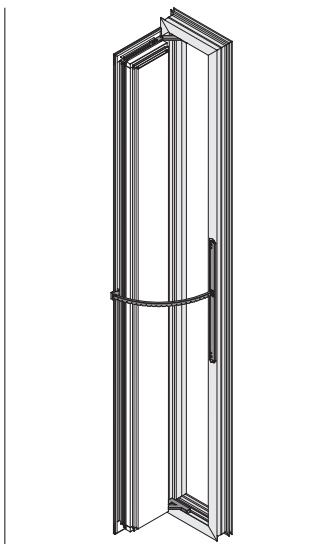
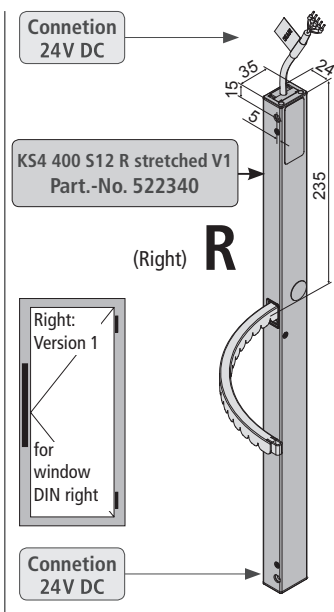
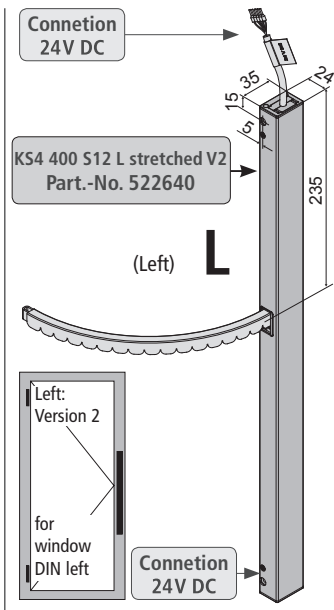
chain back above

KS4

Stroke programming		
FAB	Stroke	Opening angle approx.
170	280	90°
180	305	90°
200	330	90°
225	350	90°
250	375	90°
275	400	85°
300	400	80°

The stroke is programmed: • according to the desired opening angle  
• depending on the FAB

### Concealed mounting inside profiles



- Flexible „side bow chain“ for narrow high windows
- Concealed mounting inside profiles with casement bracket F43 and frame bracket K133
- Application: natural ventilation, SHEV, ferralux®-NSHEV
- Internal Intelligent Control Electronics S12
- Feedback limit position „CLOSE“ (max. 24 V, 500 mA)

#### Equipment




- Additional **AUMÜLLER-Click plug set** for multi-drive operation

#### Options

- Programmable special functions
- Programmable feedback limit position „OPEN“ (max. 24V, 500 mA)
- M-COM for automatic synchronised run of multi drive systems and automatic sequence control with locking drives (S3 / S12)



### TECHNICAL DATA

$U_N$	Rated voltage	24V DC (19 V ... 28 V)
$I_N$	Rated current	0,6 A
$I_A$	Cut-off current	0,8 A
$P_N$	Rated power	22 W
<b>DC</b>	Duty cycle	5 cycles (ED 30 % - ON: 3 min./OFF: 7 min.)
	Protection rating	IP 32
	Ambient temperature range	-5 °C ... +60 °C
$F_Z$	Pulling force max.	200 N
$F_A$	Pushing force max.	200 N
$F_H$	Pullout force	1.800 N (fastening depended)
	Chain	Stainless steel, without protruding rivet heads. Simple connection to casement brackets. Small bending radii allow maximum opening angles of small windows.
	Connecting cable	non-halogen, grey 5 x 0,5 mm <sup>2</sup> , ~ 2 m
$v$	Speed	$s < 400$  8,0 mm/s  8,0 mm/s
$s$	Stroke max.	400 mm
$L$	Length	see order data
	Feedback contact	limit position „CLOSE“ (max. 24V, 500 mA)
	Sound pressure level	≤ 70 dB (A)

**AUMÜLLER** chain drives have an integrated cable routing with connection sockets on both housing ends. This enables the following options:

- **AUMÜLLER-Click plug** solution with various cabel lengths  
Part.-No.: **501251** - 3 m cable length / **501252** - 5 m cable length / **501253** - 10 m cable length
- Series connection of several drives into multi drive systems
- Power supply from both sides

ORDER DATA						
s [mm]	L [mm]	Version	Finish	PU / pcs.	Part.-No.	
400	551	KS4 400 S12 24V L stretched chain V2	E6/C-0	1	522640	
400	551	KS4 400 S12 24V R stretched chain V1	E6/C-0	1	522340	

OPTIONS			
Special model	PU / pcs.	Part.-No.	
<b>Drive housing painted/powder coated in other RAL colours</b>			
<b>Lump sum for coating</b>		516030	
Specify at order stage:	1 – 20	516004	
	21 – 50	516004	
	51 – 100	516004	
	from 101	516004	
<b>Plug solution:</b>			
<b>AUMÜLLER-Click plug solution - 3 m – non-halogen, grey – 5 x 0,5 mm<sup>2</sup></b>		501251	
<b>AUMÜLLER-Click plug solution - 5 m – non-halogen, grey – 5 x 0,5 mm<sup>2</sup></b>		501252	
<b>AUMÜLLER-Click plug solution - 10 m – non-halogen, grey – 5 x 0,5 mm<sup>2</sup></b>		501253	
<b>Microprocessor programming S12</b>			
Electronic stroke reduction 24V S12		524190	
Programming drives 24V / 230V S12		524180	
<b>Optional accessories</b>			
M-COM® Click Configuration module for synchronised multi-drive systems	1	524167	
M-COM Configuration module for synchronised multi-drive systems	1	524177	

**Concealed mounting inside profiles**

Opening angle 90°:  
from FAB 170 mm - 250 mm

Planning of the „concealed mounting inside profiles“ on request!

**View / cut A – A**

Opening angle max. 90°:  
from FAB (overall width of casement)  
170 mm - 250 mm

**Stroke programming**

FAB	Stroke	Opening angle approx.
170	280	90°
180	305	90°
200	330	90°
225	350	90°
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275	400	85°
300	400	80°

The stroke is programmed: • according to the desired opening angle  
• depending on the FAB