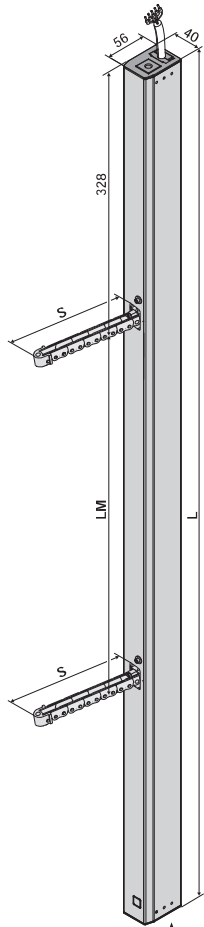


- Application: natural ventilation, SHEV
- Internal Intelligent Control Electronics S12
- Adjustable chain tension / Mechanical chain unlocking

Options

- Programmable special functions
- M-COM for automatic synchronised run of multi drive systems and automatic sequence control with locking drives (S3 / S12)



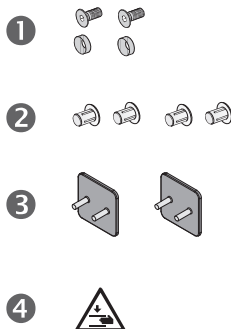
No electrical connection possible

TECHNICAL DATA

U_N	Rated voltage	24V DC (19 V ... 28 V)
I_N	Rated current	1,8 A
I_A	Cut-off current	2,4 A
P_N	Rated power	43 W
DC	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.	1.200 N
F_A	Pushing force max.	1.200 N
F_H	Pullout force	5.000 N (fastening depended)
	Chain	stainless steel
	Connecting cable	non-halogen, grey 5 x 0,5 mm ² , ~ 3 m
v	Speed	s = 400 8,0 mm/s 8,0 mm/s s 500 – 600 12,0 mm/s 8,0 mm/s
s	Stroke	400 – 600 mm
L	Length	see order data
LM	Distance in between chains	see order data
	Sound pressure level	≤ 70 dB (A)

In delivery

- 1 2x countersunk screws M8x16 and 2x Spacer ring (brass)
- 2 4x blind plug for unused cable entry
- 3 2x chain unlocking key
- 4 1x warning sign sticker „Risk of entrapment“



ORDER DATA							
s [mm]	L [mm]	LM [mm]	Version	Finish	PU/pcs.	Part.-No.	
400	1150	485	KSA TWIN 400 S12 24V	E6/C-0	1	522745	
500	1353	587	KSA TWIN 500 S12 24V	E6/C-0	1	522755	
600	1353	587	KSA TWIN 600 S12 24V	E6/C-0	1	522765	

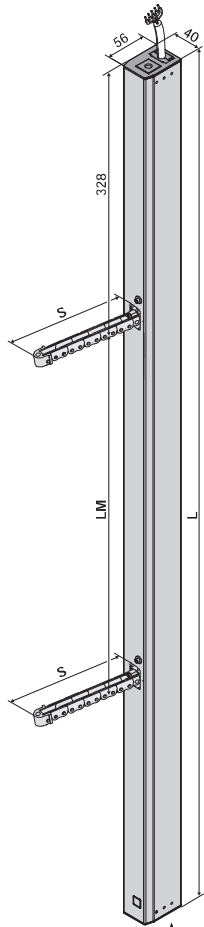
OPTIONS							
Special model		PU/pcs.	Part.-No.				
Drive housing painted/powder coated in other RAL colours							
Lump sum for coating				516030			
Specify at order stage:			1 – 20	516004			
			21 – 50	516004			
			51 – 100	516004			
			from 101	516004			
Plug solution:							
AUMÜLLER-Click plug solution - 5 m – non-halogen, grey – 5 x 0,5 mm²				501252			
AUMÜLLER-Click plug solution - 10 m – non-halogen, grey – 5 x 0,5 mm²				501253			
Microprocessor programming S12							
Electronic stroke reduction 24V S12				524190			
Programming drives 24V / 230V S12				524180			
Optional accessories			PU/pcs.	Part.-No.			
M-COM Configuration module for synchronised multi-drive systems			1	524177			



- Application: natural ventilation, SHEV
- Internal Intelligent Control Electronics S12
- Adjustable chain tension / Mechanical chain unlocking
- Programmable feedback limit position „OPEN“ and „CLOSE“ (max. 24V, 500 mA)

Options

- Programmable special functions
- M-COM for automatic synchronised run of multi drive systems and automatic sequence control with locking drives (S3 / S12)



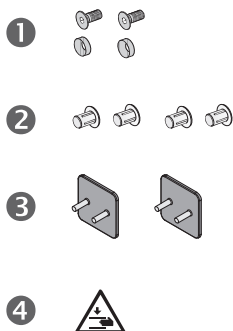
No electrical connection possible

TECHNICAL DATA

U_N	Rated voltage	24V DC (19V ... 28V)
I_N	Rated current	1,8 A
I_A	Cut-off current	2,4 A
P_N	Rated power	43 W
DC	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.	1.200 N
F_A	Pushing force max.	1.200 N
F_H	Pullout force	5.000 N (fastening depended)
	Chain	stainless steel
	Connecting cable	non-halogen, grey 5 x 0,5 mm ² , ~ 3 m
v	Speed	s = 400 8,0 mm/s 8,0 mm/s s 500 – 600 12,0 mm/s 8,0 mm/s
s	Stroke	400 – 600 mm
L	Length	see order data
LM	Distance in between chains	see order data
	Sound pressure level	≤ 70 dB (A)

In delivery

- 1 2x countersunk screws M8x16 and 2x Spacer ring (brass)
- 2 4x blind plug for unused cable entry
- 3 2x chain unlocking key
- 4 1x warning sign sticker „Risk of entrapment“



ORDER DATA							
s [mm]	L [mm]	LM [mm]	Version	Finish	PU/pcs.	Part.-No.	
400	1150	485	KSA TWIN 400 S12 24V Z	E6/C-0	1	522747	
500	1353	587	KSA TWIN 500 S12 24V Z	E6/C-0	1	522757	
600	1353	587	KSA TWIN 600 S12 24V Z	E6/C-0	1	522767	

OPTIONS			
Special model	PU/pcs.	Part.-No.	
Drive housing painted/powder coated in other RAL colours			
Lump sum for coating		516030	
Specify at order stage:	1 – 20	516004	
	21 – 50	516004	
	51 – 100	516004	
	from 101	516004	
Plug solution:			
AUMÜLLER-Click plug solution - 5 m – non-halogen, grey – 5 x 0,5 mm²		501252	
AUMÜLLER-Click plug solution - 10 m – non-halogen, grey – 5 x 0,5 mm²		501253	
Microprocessor programming S12			
Electronic stroke reduction 24V S12		524190	
Programming drives 24V / 230V S12		524180	
Optional accessories	PU/pcs.	Part.-No.	
M-COM Configuration module for synchronised multi-drive systems	1	524177	



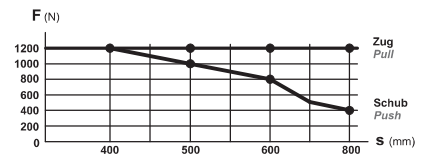
- Application: natural ventilation, SHEV
- Internal Intelligent Control Electronics S12

Options

- Programmable special functions
- M-COM for automatic synchronised run of multi drive systems and automatic sequence control with locking drives (S3 / S12)

TECHNICAL DATA

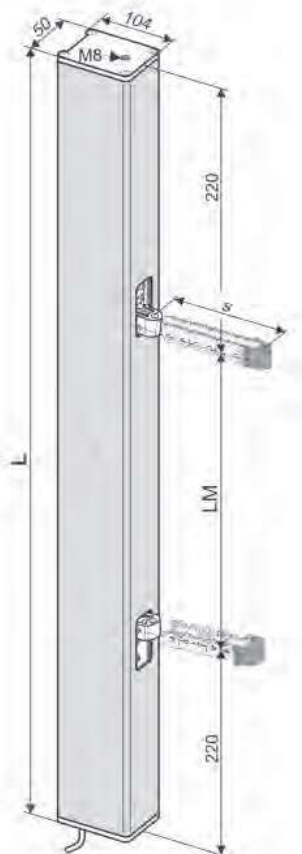
U_N	Rated voltage	24V DC (19V ... 28V)
I_N	Rated current	1,8 A
I_A	Cut-off current	2,4 A
P_N	Rated power	43 W
DC	Duty cycle	5 cycles (ED 30 % - ON: 3 min./OFF: 7 min.)
	Protection rating	IP 32
	Ambient temperature range	-5 °C ... +60 °C
F_Z	Pulling force max.	1.200 N
F_A	Pushing force max.	



F_H	Pullout force	5.000 N (fastening depended)
	Chain	Stainless steel
	Connecting cable	non-halogen, grey- 5 x 0,5 mm ² , ~ 5 m
v	Speed	$s = 400$ 8,0 m/s 8,0 m/s $s = 500 - 600$ 12,0 m/s 8,0 m/s $s > 600$ 13,5 m/s 8,0 m/s
s	Stroke	400 – 800 mm
L	Length	see order data
LM	Distance in between chains	see order data
	Sound pressure level	≤ 70 dB (A)

Components packed with drive

2x Countersunk-head screw M8x16, 2x Spacer ring (brass)



ORDER DATA							
s [mm]	L [mm]	LM [mm]	Version	Finish	PU/pcs.	Part.-No.	
400	737	297	KSA D 400 S12 24V	E6/C-0	1	522140	
500	837	397	KSA D 500 S12 24V	E6/C-0	1	522150	
600	837	397	KSA D 600 S12 24V	E6/C-0	1	522160	
800	942	502	KSA D 800 S12 24V	E6/C-0	1	522180	

OPTIONS			
Special model	PU/pcs.	Part.-No.	
Drive housing painted/powder coated in other RAL colours			
Lump sum for coating		516030	
Specify at order stage:	1 – 20	516004	
	21 – 50	516004	
	51 – 100	516004	
	from 101	516004	
Extra length connecting cable:			
10 m – non-halogen, grey– 5 x 0,5 mm ²		501056	
Microprocessor programming S12			
Electronic stroke reduction 24V S12		524190	
Programming drives 24V / 230V S12		524180	
Optional accessories	PU/pcs.	Part.-No.	
M-COM Configuration module for synchronised multi-drive systems	1	524177	