

Slit actuator EA-L/S-A for outwards opening windows

The Slit Actuator with its moving mechanism being covered by patents sets new standards in the field of electrical operated inwards and now as well outwards opening wings. Even at low stroke lengths wide opening angles can be achieved. The integrated electronics cares about the load dependent cut-off as well as about the electronic torque balancing by comparison of current consumption to force progressing. The Slit Actuator provides a temperature resistance of 30 Minutes at 300 °C according to EN 12101-2.



With very less space requirements to inside (overall max. 120mm) very huge opening angles up to 60°C or more can be achieved at side, top and bottom hung wings in solo, tandem or synchronous version. After technical approval the Slit Actuator is applicable for

- central pivot and
- center turn wings

Recommended is also the combination with an electrical locking mechanism type ZVE-UNI (Part No. B5 6101) to lock the window in closed position adequately.

Technical Data:

Slit actuator EA-L/S-A for outwards opening windows Item number:

Nominal voltage (max./min.):	24 V DC (- 10 % / + 25 %)
Nominal current:	< 1,2 A
Stroke lengths:	185 / 285 mm
Max. Force:	500 N
Cut-Off:	<ul style="list-style-type: none"> ■ Integrated load dependent cut off and contact "F" for sequence controlling ■ Electronical end position cut off ■ Integrated tandem cut off <ul style="list-style-type: none"> ■ up to four actuators can be connected in parallel
Further features:	<ul style="list-style-type: none"> ■ Electronic torque balancing (current consumption / force progressing) for providing high quality in any operation step ■ Electronic retriggering blockade (avoids that the actuator starts running in direction of the already reached end position)
Speed:	approx. 8,4 mm/s
Housing:	Anodized aluminum pipe E6/EV1 with integrated bracket fixture length: 284 mm + stroke + 20 mm cable and connectors
Ingress protection:	IP 20
Switch on duration: :	ED 30 %
Temperature Range:	- 5° up to + 75° C
Temperature Resistance:	30 minuts at 300° C (according to EN 12101/2)
Connection cable:	Silicone 3 x 0.75 mm ² , light grey, length 2 m (5 x 0.75 mm ² by tandem and synchronization version)
Konsolen (inkl.):	Rear mounting bracket HK-L and angle bracket AW-80-S and fitted bracking for window frame
Weight:	approx. 3,0 kg

Article

Nominal Force 500 N/1,1 A

Standardversion - Speed with nominal load 8.4 mm/sec

	Typ	Item number
	EA-L/S-A-500/200-02	M2 1761
	Standardversion: 500 N Force / 200 mm Stroke	
	EA-L/S-A-500/300-02	M2 1760
	Standardversion: 500 N Force / 300 mm Hub	

Tandemversion

Speed with nominal load 8.4 mm/sec

	Typ	Item number
	EA-L/S-A-500/200-T (185 mm Hub)	M2 1761 T
	Tandemversion: 500 N Force / 185 mm Stroke	
	EA-L/S-A-500/300-T (285 mm Hub)	M2 1760 T
	Tandemversion: 500 N Force / 285 mm Stroke	

Synchroversion

slit actuator with synchronizer

	Typ	Item number
	EA-L/S-A-500/200-S (285 mm Hub)	M2 1761 S
	Synchroversion: 500 N Force / 185 mm Stroke	
	EA-L/S-A-500/300-S (485 mm Hub)	M2 1760 S
	Synchroversion: 500 N Force / 285 mm Stroke	

Price for stroke limit

Stroke limit in 10 mm steps. In between lengths on request!

Accessories	Item number
HUB-EA-L/EA-L/S	je Antrieb

Bracket coating

Note: Small parts as screws, nuts and sliding parts will not be coated!

Accessories	Item number
Brackets coating Standard mounting brackets in all RAL colours (Lacquer) Up to 4 bracket sets	
Brackets coating Standard mounting brackets in all RAL colours (Lacquer) Starting from 5 actuators	
Brackets coating Standard mounting brackets in all RAL colours (Powder)	

Actuator coating

Accessories	Item number
Actuator coating in all RAL colours (Lacquer) up to 4 actuators	
Actuator coating in all RAL colours (Powder) Up to 4 actuators	
Actuator coating in all RAL colours (Lacquer) Starting from 5 actuators	
Actuator coating in all RAL colours (Powder) Starting from 5 actuators	