

**Damper Actuators without emergency function.**  
**Linear Actuators**

		UH	CH	LH..A	SH..A
		50 N	125 N	150 N	450 N
		Available: Q3/2021			
For air dampers and sliders size up to approx.		0.2 m <sup>2</sup>	0.8 m <sup>2</sup>	1 m <sup>2</sup>	3 m <sup>2</sup>
<b>Open-close actuators</b>					
<b>AC/DC 24 V</b>	Max. 40 mm stroke		CH24-L40		
	Max. 60 mm stroke	UH24Y-L	CH24-L60	LH24A60	
	Max. 100 mm stroke		CH24-L100	LH24A100	SH24A100
	Max. 200 mm stroke			LH24A200	SH24A200
	Max. 300 mm stroke			LH24A300	SH24A300
<b>AC 230 V</b>	Max. 40 mm stroke		CH230-L40		
	Max. 60 mm stroke	UH230Y-L		LH230A60	
	Max. 100 mm stroke		CH230-L100	LH230A100	SH230A100
	Max. 200 mm stroke			LH230A200	SH230A200
	Max. 300 mm stroke			LH230A300	SH230A300
<b>Modulating actuators</b>					
Control Signal Y: DC 0...10 V, 100 kΩ / Position feedback DC 2...10 V, max. 1 mA					
<b>AC/DC 24 V</b>	Max. 60 mm stroke	UH24Y-SR-L	CH24-SR-L60 CH24-SR-R60	LH24A-SX60	
	Max. 100 mm stroke		CH24-SR-L100 CH24-SR-R100	LH24A-SR100	SH24A-SR100
	Max. 200 mm stroke			LH24A-SR200	SH24A-SR200
<b>AC 230 V</b>	Max. 100 mm stroke			LH230ASR100	SH230ASR100
	Max. 200 mm stroke			LH230ASR200	SH230ASR200
<b>Modulating actuators with adaption</b>					
Control Signal Y: DC 0...10 V, 100 kΩ / Position feedback DC 2...10 V, max. 1 mA					
<b>AC/DC 24 V</b>	Max. 40 mm stroke		CH24-SX-L40 CH24-SX-R40		
	Max. 100 mm stroke		CH24-SX-L100 CH24-SX-R100		
<b>Parameterisable actuators</b>					
parameterisable <sup>1)</sup>					
<b>AC/DC 24 V</b>	Max. 60 mm stroke			LH24A-MP60	
	Max. 100 mm stroke			LH24A-MP100	SH24A-MP100
	Max. 200 mm stroke			LH24A-MP200	SH24A-MP200
	Max. 300 mm stroke			LH24A-MP300	SH24A-MP300 SHC24A-MF300

<sup>1)</sup> Control, operating range, position feedback, running time and further functions are parameterisable with PC-Tool or with the parameterising device ZTH-GEN.

	UH	CH	LH..A	SH..A
<b>Technical data</b>				
<b>Running time</b>	125 s / 100 mm	380 s / 100 mm	150 s / 100 mm (LH..60: 90 s / 60 mm)	
<b>Manual override</b>	Manual override by dismounting actuator.	Gear disengagement with magnet.	Gear disengagement with push button, can be locked.	
<b>Connection</b>	Molex Mini-Fit Jr. connector plug	Cable 1 m		
<b>Direction of stroke</b>	Selectable with contacting (SR: Selectable with order number)	Selectable with contacting (SR: Selectable with order number)	Selectable with switch	
<b>Height of stroke</b>	Adjustable in 10 mm steps	Adjustable in 20 mm steps		
<b>Sound power level</b>	≤35 dB(A) @ 125 s	≤35 dB(A) @ 380 s	≤35 dB(A) @ 150 s	
<b>Degree of protection</b>	IP 20	IP 54		
<b>EMC</b>	CE according to 2014/30/EU			
<b>Ambient temperature</b>	-30...+50°C			
<b>Non-operating temperature</b>	-40...+80°C			
<b>Ambient humidity</b>	95% r.h., non-condensating			

Electrical installation	..H24A.., ..H230A.. (CH..L.. corresponds to direction of stroke 0)	..H24A-SR..	..H24A-MP..	..H230ASR..
	<b>Open-close control</b> Priority on 3 	<b>3-point control</b> 	<b>modulating</b> Y = DC 0...10 V U = DC 2...10 V 	<b>parameterisable</b> Y = Control signal U = Measuring voltage 
	<b>modulating</b> Y = DC 0...10 V U = DC 2...10 V 		<b>parameterisable</b> Y = Control signal U = Measuring voltage 	<b>modulating</b> Y = DC 0...10 V U = DC 2...10 V 