

Damper actuator for adjusting dampers in technical building installations

- Air damper size up to approx. 1 m<sup>2</sup>
- Torque motor 5 Nm
- Nominal voltage AC/DC 24 V
- Control Open/close, 3-point
- with integrated auxiliary switch


**Technical data**

<b>Electrical data</b>	Nominal voltage	AC/DC 24 V	
	Nominal voltage frequency	50/60 Hz	
	Nominal voltage range	AC 19.2...28.8 V / DC 19.2...28.8 V	
	Power consumption in operation	1 W	
	Power consumption in rest position	0.2 W	
	Power consumption for wire sizing	1.5 VA	
	Auxiliary switch	1 x SPDT, 0...100%	
	Switching capacity auxiliary switch	1 mA...3 A (0.5 A inductive), AC 250 V	
	Connection supply / control	Cable 1 m, 3 x 0.75 mm <sup>2</sup>	
	Connection auxiliary switch	Cable 1 m, 3 x 0.75 mm <sup>2</sup>	
Parallel operation	Yes (note the performance data)		
<b>Functional data</b>	Torque motor	5 Nm	
	Direction of motion motor	selectable with switch 0 (ccw rotation) / 1 (cw rotation)	
	Manual override	with push-button, can be locked	
	Angle of rotation	Max. 95°	
	Angle of rotation note	can be limited on both sides with adjustable mechanical end stops	
	Running time motor	35 s / 90°	
	Sound power level, motor	35 dB(A)	
	Mechanical interface	Form-fit 8mmx8mm	
	Position indication	Mechanically, pluggable	
	<b>Safety</b>	Protection class IEC/EN	III Safety Extra-Low Voltage (SELV)
Protection class UL		UL Class 2 Supply	
Protection class auxiliary switch IEC/EN		II reinforced insulation	
Degree of protection IEC/EN		IP54	
Degree of protection NEMA/UL		NEMA 2	
Enclosure		UL Enclosure Type 2	
EMC		CE according to 2014/30/EU	
Low voltage directive		CE according to 2014/35/EU	
Certification IEC/EN		IEC/EN 60730-1 and IEC/EN 60730-2-14	
Certification UL		cULus according to UL60730-1A, UL60730-2-14 and CAN/CSA E60730-1:02	
Certification UL note	The UL marking on the actuator depends on the production site, the device is UL-compliant in any case		
	Mode of operation	Type 1.B	
	Rated impulse voltage supply / control	0.8 kV	
	Rated impulse voltage auxiliary switch	2.5 kV	
	Control pollution degree	3	
	Ambient temperature	-30...50 °C	
	Storage temperature	-40...80 °C	
	Ambient humidity	Max. 95% r.H., non-condensing	
	Servicing	maintenance-free	
	<b>Weight</b>	Weight	0.54 kg