

- Actuating force 500 N
- Nominal voltage AC 230 V
- Control 3-point
- Stroke 5.5 mm



Technical data

Electrical data	Nominal voltage	AC 230 V
	Nominal voltage frequency	50/60 Hz
	Nominal voltage range	AC 198...264 V
	Power consumption in operation	3.5 W
	Power consumption for wire sizing	3.5 VA
	Connection supply / control	Terminals 4 mm ² (cable Ø6...8 mm, 3-wire)
	Parallel operation	No
Functional data	Actuating force motor	500 N
	Manual override	temporary and permanent gear disengagement with rotary knob on the housing
	Stroke	5.5 mm
	Actuator-valve interface	G 3/4"
	Running time motor	140 s / 5.5 mm
	Duty cycle value	75% (= active time 140 s / operating time 187 s)
	Sound power level, motor	35 dB(A)
	Position indication	Reversible scale plate
Safety data	Protection class IEC/EN	II reinforced insulation
	Degree of protection IEC/EN	IP40
	EMC	CE according to 2014/30/EU
	Low voltage directive	CE according to 2014/35/EU
	Mode of operation	Type 1
	Rated impulse voltage supply / control	4 kV
	Control pollution degree	3
	Ambient temperature	0...50°C
	Storage temperature	-30...80°C
	Ambient humidity	Max. 95% r.H., non-condensing
Servicing	maintenance-free	
Weight	Weight	0.38 kg

Safety notes



- This device has been designed for use in stationary heating, ventilation and air-conditioning systems and must not be used outside the specified field of application, especially in aircraft or in any other airborne means of transport.
- Caution: Power supply voltage!
- Only authorised specialists may carry out installation. All applicable legal or institutional installation regulations must be complied during installation.
- The actuator is to be protected against moisture. It is not suitable for outdoor applications.
- The device does not contain any parts that can be replaced or repaired by the user.
- The device contains electrical and electronic components and must not be disposed of as household refuse. All locally valid regulations and requirements must be observed.

- The correct functioning of the strain relief for the cable in the actuator housing is to be checked.

Product features

Simple direct mounting	Straightforward direct mounting on the valve with one knurled nut.
Manual override	Manual override with lever possible. Temporary gear disengagement by pushing the rotary knob. Permanent disengagement by pushing and simultaneous rotating the rotary knob clockwise 90°.
High functional reliability	The actuator is overload protected and automatically stops when the end stop is reached.

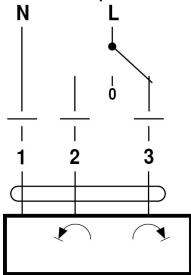
Accessories

Electrical accessories	Description	Type
	Auxiliary switch 1 x SPDT for 3-point HT actuators with screw terminals	SNR2

Electrical installation

Caution: Power supply voltage!
Wiring diagrams

AC 230 V, 3-point


Dimensions
Dimensional drawings
