


Technical data

Electrical data	Nominal voltage	AC 24 V
	Nominal voltage frequency	50/60 Hz
	Nominal voltage range	AC 19.2...28.8 V
	Power consumption in operation	1.5 W
	Power consumption for wire sizing	1.5 VA
	Auxiliary switch	1 x SPDT, 0...100%
	Switching capacity auxiliary switch	6 A (2 A inductive), AC 250 V (II, reinforced insulation)
	Switching points auxiliary switch	Switching point adjustable 0...100%
	Connection supply / control	Cable 1 m, 3 x 0.75 mm ²
	Connection auxiliary switch	Cable 1 m, 3 x 0.75 mm ²
	Parallel operation	No
Functional data	Torque motor	10 Nm
	Manual override	temporary and permanent gear train disengagement with rotary knob on the housing
	Running time motor	140 s / 90°
	Duty cycle value	75% (= active time 140 s / operating time 187 s)
	Sound power level, motor	40 dB(A)
	Position indication	Reversible scale plate
	Service life	Full cycles: 60'000
Safety data	Protection class IEC/EN	III, Safety Extra-Low Voltage (SELV)
	Protection class auxiliary switch 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
	Type of action	Type 1.B
	Rated impulse voltage supply / control	0.8 kV
	Rated impulse voltage auxiliary switch	4 kV
	Pollution degree	3
	Ambient humidity	Max. 95% RH, non-condensing
	Ambient temperature	0...50°C [32...122°F]
	Storage temperature	-30...80°C [-22...176°F]
	Servicing	maintenance-free
Weight	Weight	0.60 kg
	Housing colours	orange

- 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.
- 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 installer must check for correct principle of operation after installation.
- 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.

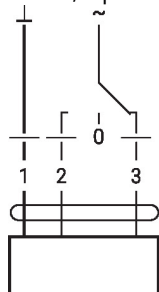
Simple direct mounting on the ball valve with only one screw. The mounting orientation in relation to the ball valve can be selected in 90° steps.

Manual override with lever possible. Temporary gear train disengagement by pushing the rotary knob. Permanent disengagement by pushing and simultaneous rotating the rotary knob clockwise 90°.

The actuator switches off automatically when the end stops are reached.

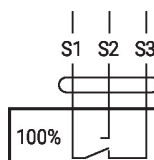
Supply from isolating transformer.

AC 24 V, 3-point

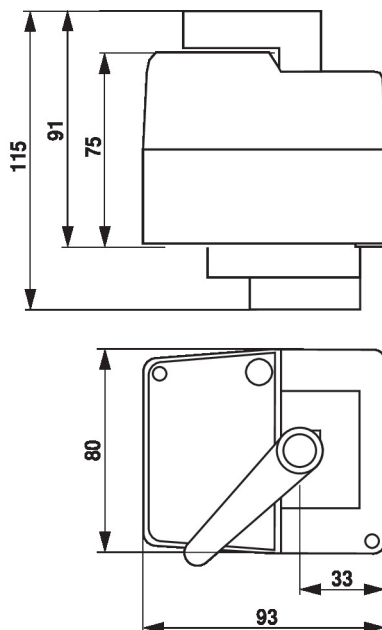


1	2	3	
			stop

Auxiliary switch



Dimensions



Further documentation

- Installation instructions for actuators and/or ball valves
- General notes for project planning