

Short-stroke actuator for the motorisation of Cazzaniga short-stroke globe valves in HVAC systems

- Actuating force 500 N
- Nominal voltage AC 24 V
- Control 3-point
- Stroke 5.5 mm



Picture may differ from product

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 |
| | 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 train disengagement with rotary knob on the housing |
| | Stroke | 5.5 mm |
| | Actuator fixing | M30x1.5 |
| | Running time motor | 140 s / 5.5 mm |
| | Sound power level, motor | 35 dB(A) |
| | Duty cycle value | 75% (= active time 140 s / operating time 187 s) |
| | Position indication | Reversible scale plate |
| Safety data | Protection class IEC/EN | III, Safety Extra-Low Voltage (SELV) |
| | Degree of protection IEC/EN | IP40 |
| | EMC | CE according to 2014/30/EU |
| | Type of action | Type 1 |
| | Rated impulse voltage supply / control | 0.8 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 | 0.36 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.
- Only authorised specialists may carry out installation. All applicable legal or institutional installation regulations must be complied with 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 train 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.

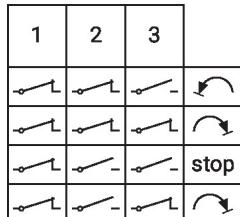
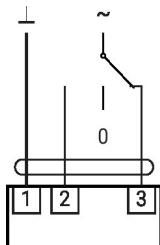
Accessories

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

Electrical installation



Supply from isolating transformer.



Dimensions

