

Smoke control damper actuator, 10 Nm

SF10



Description

Damper actuator serie SF10 to operate and position air dampers in HVAC systems.

- For air dampers up to approx. 1,5 m²
- Nominal voltage 24 V AC/DC and 100...240 V AC
- Control: 2 and 3-point
- Characteristics: shaft dimensions standard □12/12 mm square, minimum shaft length 90 mm, anti-rotation bracket provided for stability, selectable direction of rotation, 2 not adjustable SPDT auxiliary switches, 1 m cable connection.



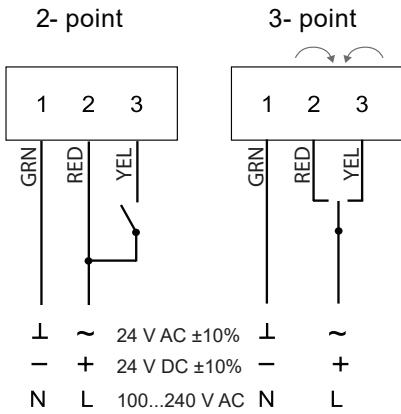
Technical features

| Actuator model | | SF10A | SF10B |
|--------------------------|----------------|----------|------------------------------|
| Damper area | m ² | | 1,5 |
| Nominal torque | Nm | | 10 |
| Power supply | V | 24 AC/DC | 100...240 AC |
| Frequency | Hz | | 50/60 |
| Power consumption | | | |
| - in operation | W | | 5 |
| - at rest | W | | 0,5 |
| - for wire sizing | VA | | 7,0 |
| Running time | s | | <45 |
| Sound power level | db (A) | | 45 |
| Control signal | | | 2 and 3 point |
| Auxiliary switch rating | | | 3 (1,5) A, AC 230 V |
| Life cycle | cycles | | 60.000 |
| Rotation angle | | | |
| - operating | | | 90° (95° mechanical) |
| - limitation | | | 5-85° (steps of 5°) |
| Protection class | | III | II |
| Protection degree | | | IP54 |
| Working temperature °C | | | -20...+50° C |
| Working humidity RH | | | 5...95% RH, non-condensating |
| Storage temperature | | | -30...+80° C |
| Maintenance | | | free |
| Weight | g | | <1800 |
| Standards | | | CE-conformity, RoHs |

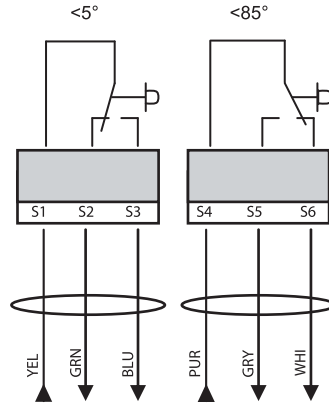


Electrical wirings

Wiring diagram

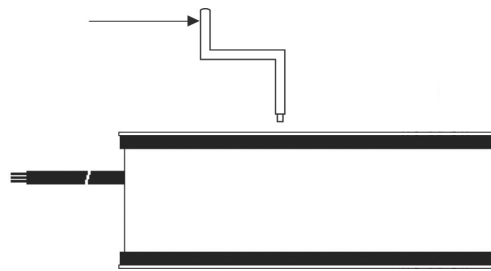


Auxiliary switches



Setting

Manual override



Dimensions (mm)

