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 m^2
- Nominal voltage 24 V AC/DC and 100...240 V AC
- Control: 2 and 3-point
- Caracteristics: 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.

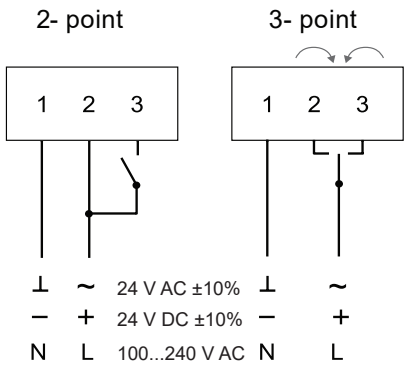


Technical features

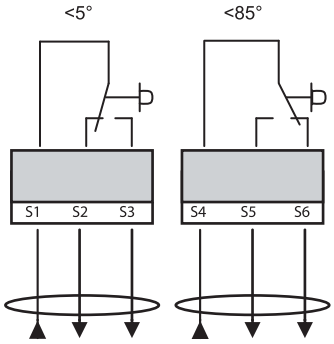
Actuator model		SF10A	SF10B
Damper area	m^2	1,5	
Nominal torque	Nm	10	
Power supply	V	24 AC/DC	100...240 AC
Frequency	Hz	50/60	
Power consumption			
- in operation	W	5	
- at rest	W	0,5	
- for wire sizing	VA	7,0	
Running time	s	<45	
Sound power level	db (A)	45	
Control signal		2 and 3 point	
Auxiliary 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

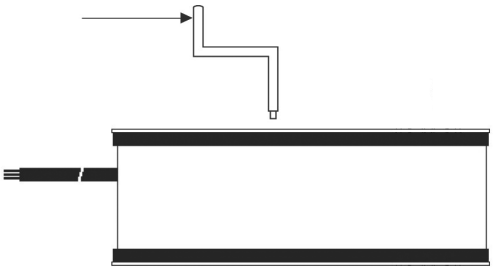


Auxiliary switches



Setting

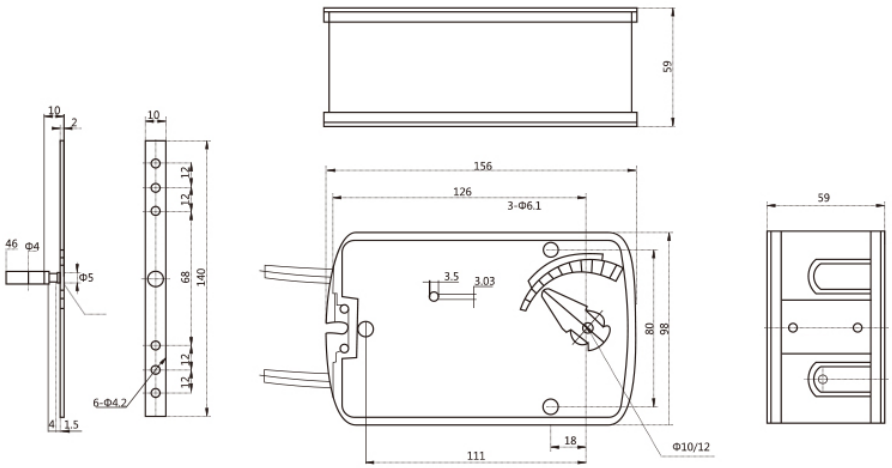
Manual override





Use the dedicated key supplied
for manual lock-unlock operation.
Do not use a screwdriver.

Dimensions (mm)



The contents are subject to revision or change without notice.