

Spring-return damper actuator, 3 Nm

SR3

Description

Damper actuator serie SR3 to operate and position air dampers in HVAC systems.

- For air dampers up to approx. 0,5 m²
- Nominal voltage 24 Vac/dc and 230 Vac
- Control: 2-point, on-off
- Characteristics: universal spindle clamp for easy direct mounting, shaft dimensions □ 12x12mm minimum shaft length >50 mm, anti-rotation bracket provided for stability, selectable direction of rotation, adjustable angle of rotation, 1 m cable connection.

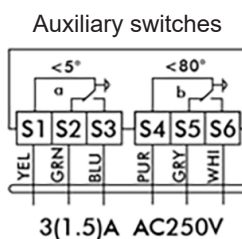
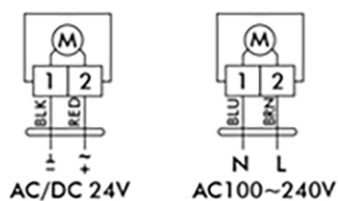


Technical features

Actuator model		SR3A	SR3B
Damper area	m ²		0,5
Nominal torque	Nm		3
Power supply	V	24 AC/DC	100...240 AC
Frequency	Hz		50/60
Power consumption			
- in operation	W		5
- at rest	W		2
Running time for motor	s		75
Running time for spring	s		25
Sound power level	db (A)		circa 50
Control signal			2 point, on-off
Auxiliary switch rating			3 (1,5) A, AC 230 V
Life Cycle	cycles		70.000
Rotation angle			
- operating			90° (95° mechanical)
- limitation			5-85° (steps of 5°)
Protection class		III	II
Protection degree			IP54
Working range °C			-20...+50° C
Working range RH			5...95% RH, non-condensating
Storage temperature			-40...+80° C
Maintenance			free
Weight	g		1300
Standards			CE-conformity, RoHs
Option			suffix S for models with 2 SPDT auxiliary switches

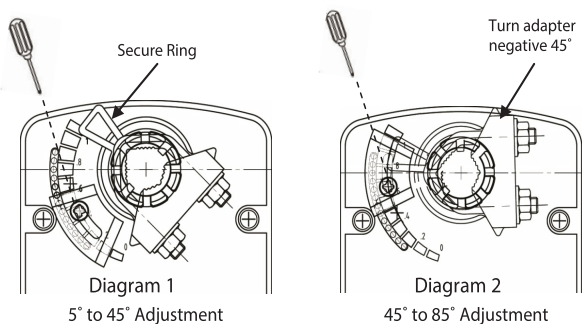


Electrical wirings



Settings

Limitation of rotation angle from 5° to 85°



For 5° to 45° (diagram 1)

1. Loosen screw of the mechanical limiter plate.
2. Move the limiter plate to the appropriate position.
3. Tighten the screw.

For 45° to 85° (diagram 2)

1. Release the secure ring of the adapter.
2. Remove the adapter and turn negative 45° as shown.
3. Insert adapter and secure the adapter ring.
4. Loosen screw of the mechanical limiter plate.
5. Move the limiter plate to the appropriate position.
6. Tighten the screw.

Dimensions (mm)

