

Spring Return Damper Actuator SRA81 Series

FOR BUILDING VENTILATION INDUSTRY

PRODUCT DATA AND INSTALLATION INSTRUCTIONS

BENEFITS

- It can be controlled by single line
- It can set the running time separately
- Screw terminal connection
- Universal adapter: circular shaft size, max ϕ 18mm
- The angle of rotation can be selected
- It is with two groups of floating auxiliary switches
- It can be presetted
- Steel housing is with the features of fixation, compact and anticollision
- Sealed cover and housing can meet the criteria of IP54

TECHNICAL SPECIFICATIONS

Running time	Running time 70s; spring reset time <20s
Power consumption	working 5W, stop 3W
Wire sizing	0.5mm ²
Weight	1.5Kg
Control signal	single line
Direction of rotation	to install on the other side
Angle of rotation	max 95°
Angle limit	position limit 5~85°(5° each step)
Position indication	machine instruction
Manual override	without
Rated value of auxiliary switches	1mA...3(0.5)A, AC220V
Life-time	60,000 times rotation
Sound power level	Max 45dB(A) when motor working, max 62dB(A) while spring return
Protection degree	IP54
Ambient temperature	-20~+50 °C
Ambient humidity	5~95%RH
Inventory temperature	-40~+70 °C

CONTENTS OF DELIVERY

The deliver includes (in the case of individual packages)

The following part:

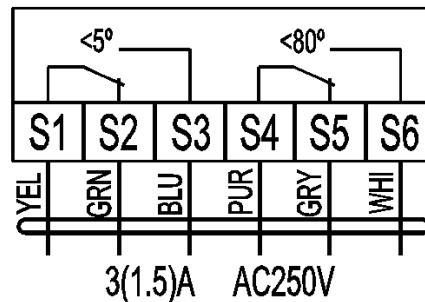
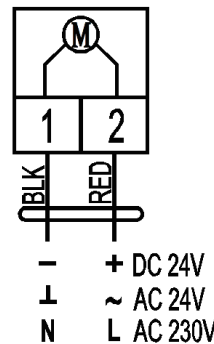
- 1 SRA81 Spring Return Damper Actuator
- 1 Data sheet with installation information



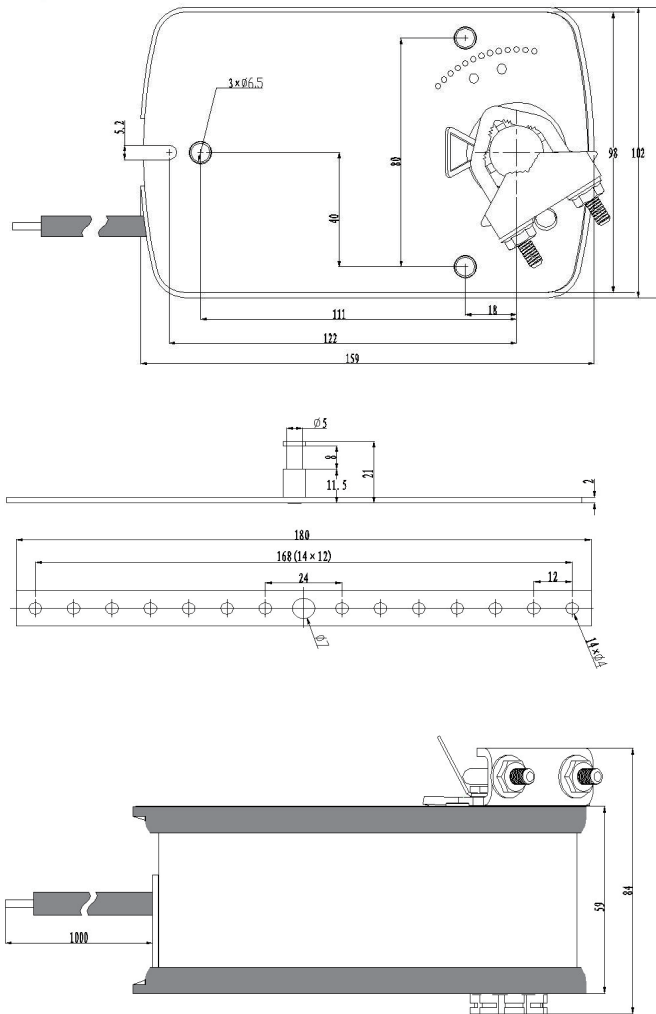
OPERATING RANGES

Parameter \ SRA81	0524-K	0524-KF	05230-K	05230-KF
Torque	5Nm	5Nm	5Nm	5Nm
Damper size	1m ²	1m ²	1m ²	1m ²
Power supply	AC24V 50/60Hz; DC24V		AC100~240V 50/60Hz	
Protection class	III		II	

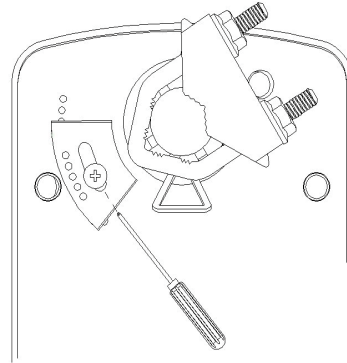
Wiring Diagram



DIMENSIONS IN mm



Mechanical position limitation installation method



CAUTION



1. The Damper Actuator is not allowed to be used outside the specified field of application, especially in aircraft.
2. The enclosure of the actuator equipment may only be opened by the manufacturer. It contains no components which the user can replace or repair.
3. The device contains electrical and electronic components and is not allowed to be disposed of as household refuse. All locally valid regulations and requirements must be observed.

Anwoll

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