

S6061SC-05 series spring return damper actuator

Summary:

The damper actuator is specially designed for small and middle air damper and terminal control unit of air volume system. By change the input signal, the actuator can be controlled at any point. It can supply a feedback signal of 0-10V, after cut the power, the actuator can return by the spring.



Features:

- Controlled by 2/3 point or 0~10V
- Screw terminal connection
- Shaft size: Max. ϕ 16mm.
- Selectable direction of rotation
- Two Optional Auxiliary Switches
- Using fixed, compact and anti-impact steel shell.
- IP 54 standard.

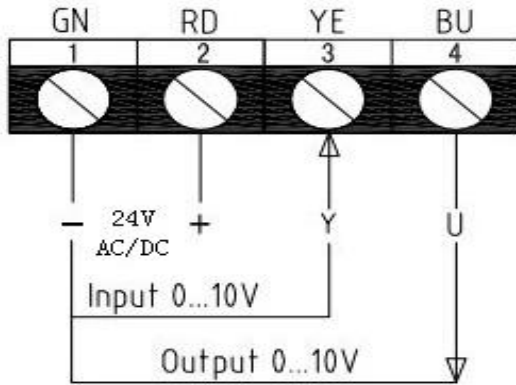
Technical datasheet:

Item	S6061SC-05DN(F)/24V	S6061SC-05DN(F)/220V	S6061SC-05AN(F)/24V
Torque	5Nm		
Damper area	1m ²		
Power supply	24VAC/DC 50/60Hz	90~250VAC 50/60Hz	24VAC/DC
Operating Power Consumption	5W		
At end stops Power Consumption	2.5W		
Running time	Motor 70S, Spring Return 20S		Motor 120S, Spring Return 20S
Wire size	10VA		7VA
Connection cable	D type power: 1m cable 2*0.75m ² A type power: 1m cable 4*0.5 m ²		
	Auxiliary switch (F): 1m cable 6*0.5 m ² or 3*0.5 m ²		
Control signal	On/off		0~10V
Rotation angle	0~90° (Max 93°)		
Limited angle	5~85° (Per step 5°)		
Indicate	Mechanical indicator		
Weight	1.4Kg		
Life cycle	70000		
Noise	50dB(A) and 62dB(A)		
Electric level	III	II	III
IP protection	IP54		
Temperature	-20~+50°C		
Humidity	5~95%RH		
Certificate	CE & UL		

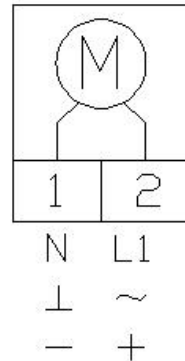
Note: there is an auxiliary switch for S6061SC-05AF/24V

Wiring diagram and outline:

S6061SC-05A:

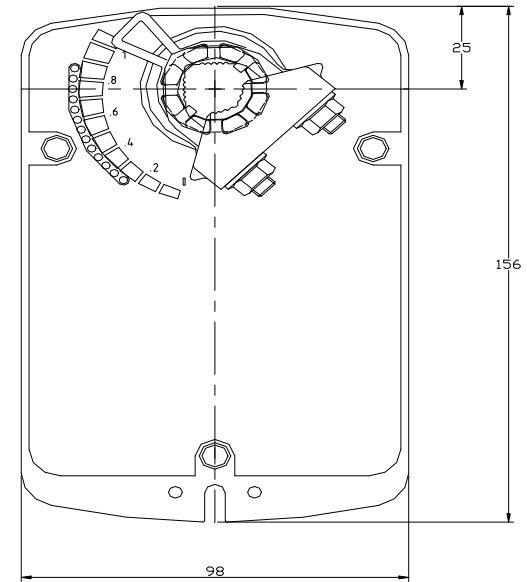


S6061SC-05D:

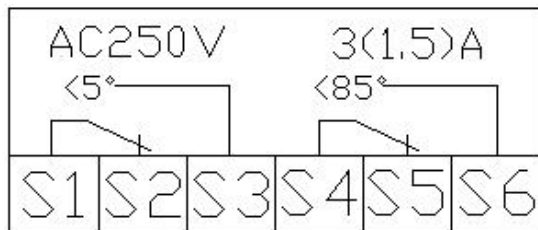


24VAC/DC ± 10%
90~250VAC ± 10%

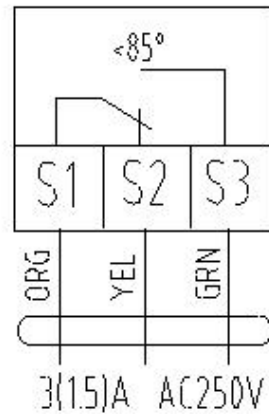
Outline and dimension:



Auxiliary switch:



S6061SC-05D



S6061SC-05A

