

S6061-(08~24) On/off damper actuator

Summary:

The damper actuator is specially designed for small and middle air damper and terminal control unit of air volume system. Due to the small size and flexible control, usually used in the space where is limited.



Features:

- Controllable by 2/3 point
- Setting the independent running time
- Screw terminal connection
- Universal adapter: circular shaft: max ϕ 20mm, square shaft: max 16*16mm
- Adjustable angle of rotation
- Manual override function
- With 2 auxiliary switches
- With Pre-set up function

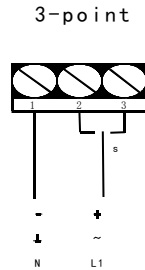
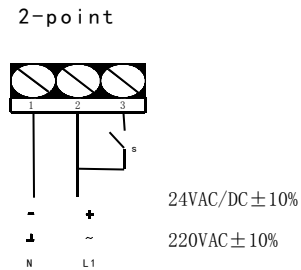
Technical datasheet:

Item	Unit	S6061-08D	S6061-16D	S6061-24D
Torque	Nm	8	16	24
Damper area	m ²	2	4	6
Running time	sec	30~40	72~88	117~143
Power supply	V	24VAC/DC; 220VAC; 110VAC		
Frequency	Hz	50/60Hz		
Running consumption	W	3.9W (24V); 4.8W (230V)		
Maintaining consumption	W	0.4W (24V); 1.2W (230V)		
Weight	Kg	1.1		
Control signal		2 or 3 point		
Rotation angle		0~90° (max 93°)		
Limited angle		5~85° (per step5°)		
Auxiliary switch rating		3 (1.5) Amp 250V		
Life cycle		>70000 cycles		
Noise level		45dB(A)		
Electrical level		II		
Protection level		IP44 or IP54		
Temperature		-20~+50°C		
Humidity		5~95%RH		
Storage temperature		-40~+70°C		
Certification		CE UL (Except 230V)		

Remark: After lead to the actuator wire through PG joint, the protection level can reach IP54.

Wiring diagram:

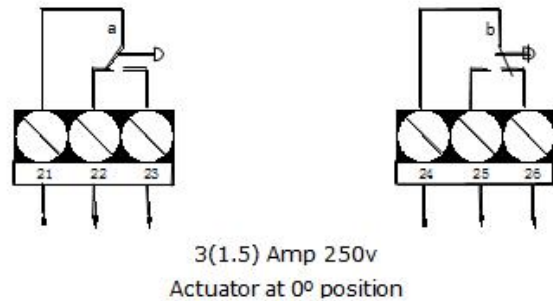
The damper actuator can be controlled by 2 or 3 point.



Auxiliary switch:

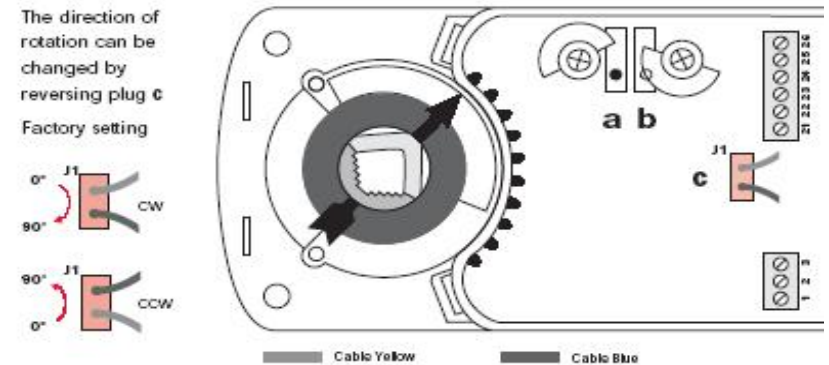
There are 2 auxiliary switches of the actuator, and you can set the angle 0-90° (the factory sets a is 10° and b is 80°). It will output a on/off signal when the actuator rotates the setting angle.

Auxiliary Switches



Control signal and choose the direction of rotation

The direction of rotation changes according to the direction of pin.



Outline and dimension:

