

S6061SF-2.5 series fire smoke damper actuator

Summary:

Specially designed for small and medium air damper and control unit used in air volume system. Because of its small size and flexible control, it usually used in such places where the space is limited.



Features:

- Shaft size up to 12* 12mm
- On/off type can be controlled by manual
- Two fixed auxiliary switches available
- Using fixed, compact and anti-impact steel shell
- With IP54 standard
- Used in different mounting size mandril accessories that with fireproofing and mounting easily.

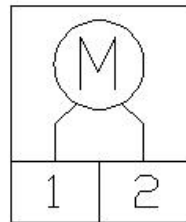
Technical datasheet:

Item	Unit	S6061SF- 2.5DF/24V	S6061SF- 2.5DF/230V	S6061SF- 2.5AF/24V
Torque	Nm	2.5Nm		
Damper area	m ²	0.5m ²		
Running time	sec	Motor 65S; spring return 30S		
Power supply	V	24VAC/DC 50/60Hz; 230VAC 50/60Hz		
Operating Power	W	2.5W		
Consumption				
At end stops Power	W	1.6W		
Consumption				
Wire size	VA	10VA		7VA
Weight	Kg	1.2		
Control signal		On/off		0~10V
Rotation angle		0~90° （Max 93°）		
Auxiliary switch rating		3（1.5）Amp 250V		
Life cycle		70000		
Noise		50dB(A) and 65dB(A)		
Electric level		III	II	
IP protection		IP54		
Temperature		-20~+50℃		
Humidity		5~95%RH		
Storage temperature		-40~+70℃		
Certificate		CE EAC		
72℃ thermal sensor		S6061SF-2.5DF(S)/24V（yes）		S6061SF-2.5DF(S)/220V（yes）
		S6061SF-2.5DF/24V（no）		S6061SF-2.5DF/220V（no）

Note: there is no manual function for S6061SF-2.5AF/24V

Wiring diagram:

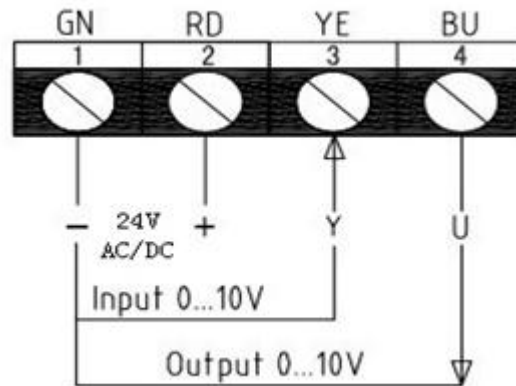
S6061SF-2.5D:



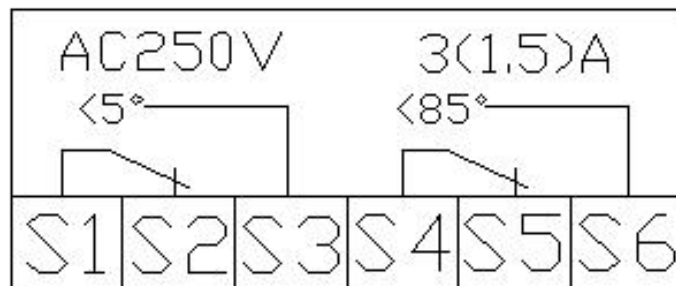
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24VAC/DC $\pm 10\%$
230VAC $\pm 10\%$

S6061SF-2.5A:



Auxiliary switch :



S6061SF-2.5 series

Special suggestion: Manual operation instruction

Insert the handle into the hex hole, turn around the handle by clockwise (or anti-clockwise) according to the diagram of the product's label. The output shaft will follow and turn by clockwise at the same time. When the output shaft moves to the required position, turn the handle by anti-clockwise with 90 degrees, and then can lock the actuator at current position. If want to unlock the actuator, turn the handle 360 degrees by clockwise (or anti-clockwise) according to the product's label, when listening to the sound of "pa", the actuator has already unlocked.

Dimension :

