



## SPRING RETURN ACTUATORS FOR FIRE DAMPERS (5 Nm)

AF..SE

### FUNCTION

On / Off spring return for fire and smoke damper control.  
The actuator opens the damper loading the return spring; when current is cut-off the spring moves the damper in a safe position.  
The actuator can be controlled manually by a suitable crank.  
The actuator have a thermic device calibrated at 72 °C. When temperature reaches 72 °C the damper is closed.

### APPLICATIONS

Well-suited for applications with security dampers used as antifreeze, antismoke or for sealing in the hygienic-sanitary field.

TYPE	POWER SUPPLY	THERMAL PROTECTION
AF24SE	24 Vac/dc	duct 72 °C
AF230SE	230 Vac	duct 72 °C

Actuator		AF24SE	AF230SE
Damper area (*)	m <sup>2</sup>	1	1
Torque	Nm	5	5
Power supply	V	24 Vac/dc	230 Vac ±10%
Frequency	Hz	50...60	50...60
Power consumption			
- operating	W	7.2	4.2
- at the end stops	W	2.5	2.5
For wire sizing	VA	10	10
Running time			
- motor	s	50...70	50...70
- spring	s	< 20	< 20
Weight	g	1800	1900
Control signal		2- point	2- point
Rotation angle:			
- working range		90° (95° mechanical)	90° (95° mechanical)
Auxiliary switches (2 SPDT fixed)		3(1.5) A / 24-230 VCA	3(1.5) A / 24-230 VCA
Direction of rotation		bidirectional	bidirectional
Protection class		II	II
Degree of protection		IP54	IP54
Room temperature		-30 ... +50 °C	-30 ... +50 °C
Room humidity		5...95% r.h.	5...95% r.h.
Sensor action		72 °C	72 °C
Noise level		max 45 dB	max 45 dB
Standards		CE	CE

(\*) the indication of the damper area is not significant, the data that must be taken into account is the value of the torque in Nm.

