



SPRING RETURN ACTUATORS FOR FIRE DAMPERS (8 Nm)

NF..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 handle.
 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
NF24SE	24 Vac/dc	duct 72 °C
NF230SE	230 Vac	duct 72 °C

Actuator		NF24SE	NF230SE
Damper area (*)	m ²	1.5	1.5
Torque	Nm	8	8
Power supply	V	24 Vac/dc	230 Vac ±10%
Frequency	Hz	50...60	50...60
Power consumption			
- operating	W	7.0	8.0
- at the end stops		2.0	5.5
For wire sizing	VA	10	10
Running time			
- motor	s	75...95	75...95
- spring	s	< 25	< 25
Weight	g	2200	2300
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 / AC 230 V	3(1.5) A / AC 230 V
Direction of rotation		bidirectional	bidirectional
Protection class		II	II
Degree of protection		IP54	IP54
Room temperature		-20 ... +50°C	-20 ... +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.

