









FAST RUNNING ACTUATORS WITHOUT SPRING RETURN

Torque	Mode		Voltage	Controls	Auxiliary switches	Running time	Damper surface*
8 Nm		DA08F24	24 V	2/3 point		8 s	< 1,6 m²
		DA08F24S		2/3 point	2 × SPDT**		
		DA08F24PI		0 (2)-10 V / 0 (4)-20 mA			
		DA08F24PIS		0 (2)-10 V / 0 (4)-20 mA	2 × SPDT		
		DA08F220	230 V	2/3 point			
		DA08F220S		2/3 point	2 × SPDT		
16 Nm		DA16F24	24 V	2/3 point		16 s	< 3,2 m²
		DA16F24S		2/3 point	2 × SPDT		
		DA16F24PI		0 (2)-10 V / 0 (4)-20 mA			
		DA16F24PIS		0 (2)-10 V / 0 (4)-20 mA	2 × SPDT		
		DA16F220	230 V	2/3 point			
		DA16F220S		2/3 point	2 × SPDT		

DAMPER ACTUATORS WITH SPRING RETURN

Torque	Model		Voltage	Controls	Auxiliary switches	Running time	Damper surface*
5 Nm		DA05S24	24 V	ON/OFF		Motor: 70 s Spring: <20 s	< 1 m²
		DA05S24S			1 × SPDT		
		DA05S220	230 V				
		DA05S220S			1 × SPDT		
10 Nm		DA10S24	24 V			Motor: 100 s Spring: <25 s	< 2 m²
		DA10S24S			2 × SPDT		
		DA10S220	230 V				
		DA10S220S			2 × SPDT		
15 Nm		DA15S24	24 V			Motor: 180 s Spring: <30 s	< 3 m²
		DA15S24S			2 × SPDT		
		DA15S220	230 V				
					2 × SPDT		

ACTUATORS FOR FIRE AND SMOKE DAMPERS WITH SPRING RETURN

Torque	Model		Voltage	Controls	Auxiliary switches	Running time	Thermoelectric tripping device
5 Nm		FS05S24S	24 V	ON/OFF	2 × SPDT	Motor: 70 s Spring: <20 s	
		FS05S24ST					YES
		FS05S220S	230 V				
		FS05S220ST					YES
10 Nm		FS10S24S	24 V		2 × SPDT	Motor: 100 s Spring: <25 s	
		FS10S24ST					YES
		FS10S220S	230 V				
		FS10S220ST					YES
15 Nm		FS15S24S	24 V		2 × SPDT	Motor: 180 s Spring: <30 s	
		FS15S24ST					YES
		FS15S220S	230 V				
		FS15S220ST					YES

