FAST RUNNING ACTUATOR WITHOUT SPRING RETURN

| DA08F..., DA16F..., DA24F... |

TYPE OVERVIEW

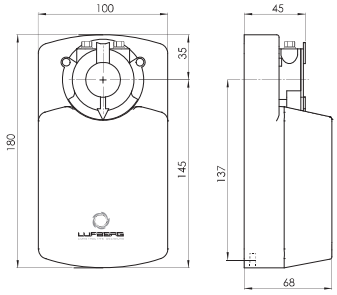
Torque	Damper surface	Voltage	Auxiliary switches	Weight	2/3 point control type	Weight	Modulating control type
8Nm	< 1,6m2 *	24V AC/DC	-	1,08 kg	**DA08F24**	1,09 kg	**DA08F24PI**
			2 SPDT**	1,09 kg	**DA08F24S**	1,11 kg	**DA08F24PIS**
		230V AC	-	1,09 kg	**DA08F220**	1,1 kg	**DA08F220PI**
			2 SPDT**	1,1 kg	**DA08F220S**	1,12 kg	**DA08F220PIS**
16Nm	< 3,2m2 *	24V AC/DC	-	1,08 kg	**DA16F24**	1,09 kg	**DA16F24PI**
			2 SPDT**	1,09 kg	**DA16F24S**	1,11 kg	**DA16F24PIS**
		230V AC	-	1,09 kg	**DA16F220**	1,1 kg	**DA16F220PI**
			2 SPDT**	1,1 kg	**DA16F220S**	1,12 kg	**DA16F220PIS**
24Nm	< 4,8m2 *	24V AC/DC	-	1,09 kg	**DA24F24**	1,09 kg	**DA24F24PI**
			2 SPDT**	1,1 kg	**DA24F24S**	1,11 kg	**DA24F24PIS**
		230V AC	-	1,1 kg	**DA24F220**	1,1 kg	**DA24F220PI**
			2 SPDT**	1,11 kg	**DA24F220S**	1,12 kg	**DA24F220PIS**

TECHNICAL SPECIFICATION

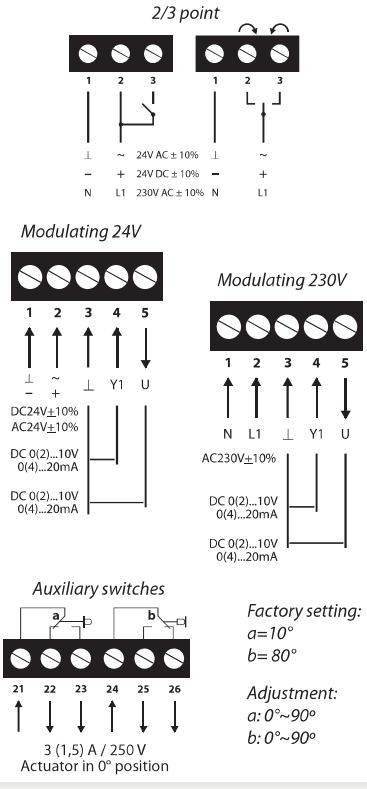
Type	DAxxF24x	DAxxF220x	DAxxF24PIx	DAxxF220PIx
Torque	8Nm / 16Nm / 24Nm			
Running time - motor	8s / 16s / 45s			
Controls	2/3 point		0(2)-10V/0(4)-20mA	
Voltage	24V AC/DC	230V AC	24V AC/DC	230V AC
Frequency	50/60 Hz (AC)			
Power consumption				
- in operation	12,0W	12,0W	12,0W	10,0W
- at rest	0,3W	0,5W	0,5W	0,5W
- for wire sizing	12,0VA	12,0VA	12,0VA	12,0VA
Angle of rotation	0~90°			
- setting	5°~85° (5° step)			
Direction of rotation	by switch inside of the actuator			
Sound power level - motor	<55 dB(A)			
Position feedback	-		0(2)-10V/0(4)-20mA	
Electrical connection	terminal in actuator body			
Auxiliary switches	3 (1.5) A, 230V			
Degree of protection	IP54			
Protection class	III low voltage	II	III low voltage	II
Ambient humidity	95% RH, without condensation			
Ambient temperature	-30~+50 °C			
Non-operating temperature	-40~+70 °C			
Service life	60 000 full operating cycles			
Mechanical connection				
- round shaft	from ø10 to ø20 mm			
- square shaft	from 10×10 to 16×16 mm			
Manual override	gears disengaged using a button on the actuator cover			
Norms and standards	Declaration of conformity, ISO, CE, EAC			

* Maximum damper surface is calculated for optimum conditions (without the influence of air flow, pressure difference, etc.).
** SPDT (Single-Pole Double-Throw)

DIMENSIONS (mm)



ELECTRIC INSTALATION



LUFBERG CONSTRUCTIVE DECISIONS