



Actuator for operating dampers in air handling systems

- * For torque up to 15 Nm
- * For dampers up to approx. 3 m²
- * On/Off or 0...10 V control
- * Spring return in the event of power failure
- * 24 V or 230 V

Function

Field of application

The spring return motor RDA15S... is used to control smaller dampers to open or closed position in the event of power failure.

Spring return

When connecting the supply voltage the motor moves to the working position, at the same time the spring return tenses. If the power supply is interrupted, the energy stored in the spring moves the damper back to its safe position.

Simple installation

The damper actuator is fitted with a universal spindle clamp for quick and easy mounting directly on the damper spindle.

The actuator is supplied with an antirotation strap for fixing it in position. The damper actuators are supplied with 0.9 m of cable.

Shaft size

Round shaft \varnothing 9...20 mm
Square shaft \square 10...16 mm

Models

Type	Control signal	Supply voltage	Features
RDA15S-24	On/off	24 V AC	Spring return
RDA15S-230	On/off	230 V AC	Spring return
RDA15S-24A	0...10 V	24 V AC	Spring return, (2...10 V working range)

Technical data

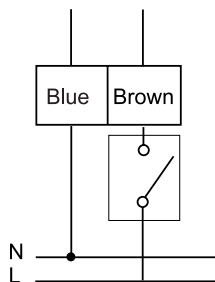
Supply voltage	RDA15S-24...	24 V AC 50/60 Hz
	RDA15S-230	230 V AC 50/60 Hz
Power consumption	RDA15S-24	8 VA motoring, 5 VA holding
	RDA15S-230	10 VA motoring, 8 VA holding
	RDA15S-24A	9 VA motoring, 9 VA holding
Direction of rotation	RDA15S-...	Selected by side inverted mounting
	RDA15S-24A	Changeable from the outside
Torque	15 Nm, at rated voltage (also Maximum 15 Nm at spring return)	
Angle of rotation	Max. 90°	
Running time	-Motor	≈ 150 s
	-Spring return	≈ 20 s
Position indication	Mechanical	
Degree of protection	IP54	
Ambient temp. range	-20°...+50°C	
CE	These products conform with the requirements of European EMC and LVD according to 89/336/EEC and 92/31/EEC and carry the CE mark	

Unique features RDA15S-24A

Control signal Y1	0...10 V DC @ input resistance 100 kΩ
Operating range	2...10 V DC
Position feedback	2...10 V DC

Wiring and dimensions

RDA15S-24 & RDA15S-230



RDA15S-24A

