



Damper Actuator Modulating 2-10vdc 2Nm

RA 2

Jan.10



Features

- 2Nm torque to regulate dampers up to appr. 0,5m²
- Manual Over-Ride by Crank Handle
- Anti-rotation bracket provided for stability
- Adjustable Angle of Rotation, Mechanical Endstops
- Simple Direct Mounting by Universal Adapter
- Available with 0,9m Cable Connection

Technical Data

CE RAR2

Power Supply	24Vac/dc +/-10% 50Hz
Power Consumption	Operating 2,5W
Wiring size	4,5VA
Control Signal(Input)	2-10Vdc
Position Signal(Output)	2-10Vdc
Torque	Not less than 2Nm
Protection Class	IP54
Angle Limiting	Max 95 degree
Direction of Rotation	Bidirectional (right/left switch)
Angle of Rotation	-5...+90°
Shaft Dimension	8-16mm diameter / 5-12mm square
Running Time	80-110 sec
Noise Level	< 45dB (A)
Usage Life	Min. 60'000 open-close operations
Position Indication	Mechanical
Ambient Temperature:	-20...+ 50°C
Ambient Humidity:	5...95%rH non-condensing
Weight	1,5 kg
Maintenance	Maintenance free
Standards	The actuators meet CE requirements

Short Description

By using the mounting clamp the actuators can be direct couple mounted over the damper shaft

The compact size allows for easy installation where space is limited.

Manual control through buttons available in the housing.

Actuator itself has ability of over-loading protect.

It stops automatically without limit switch

A mechanical limit operator is placed inside

Output signal amount 0-100%

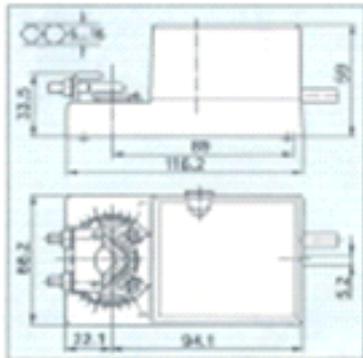
Usage

RA2 modulating damper actuator is a high quality damper actuator for applications in HVAC systems.

Ordering

RA2 24V Damper Actuator 2-10V dc 2Nm 24Vac/dc

Dimensions



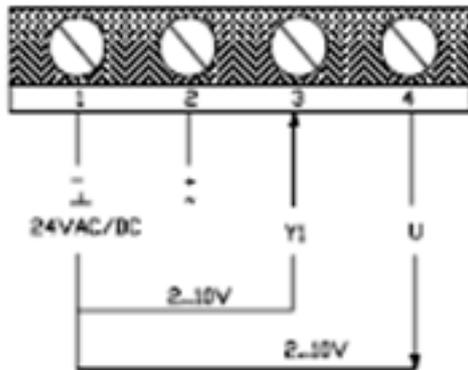
Electric Wiring

Black 1 = power supply minus dc/ac

Red 2 = power supply positiv dc/ac

Yellow 3 = Control Signal Input 2-10Vdc

Green 4 = Control Signal Output 2-10vdc



Angle-of-rotation limiting

Mechanical Limited
Adjustment

1. Loosen screw of the mechanical limited.
2. Move the limited to the appropriate position.
3. Tighten on the screw.

