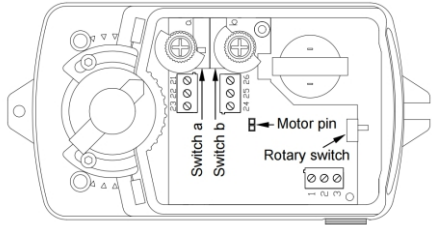


AS models adjust the auxiliary switch

Factory settings:

Switch a	Terminal21, 22	Terminal21, 23
0-10°	Short circuit	Open circuit
10-90°	Open circuit	Short circuit
Switch b	Terminal24, 25	Terminal24, 26
0-80°	Open circuit	Short circuit
80-90°	Short circuit	Open circuit



* According to customer order requirement set switch angle

No 1: Mode of feedback signal	No 2: Control of starting signal	No 3: Mode of control signal	Factory setting
OFF: voltage signal 0(2)-10V feedback;	OFF: 0-10V or 0-20mA;	OFF: voltage signal 0(2)-10V input;	Input: 0...10V; Feedback: 0...10V. (No4:Undefined.)
ON: current signal 0(4)-10mA feedback.	ON: 2-10V or 4-20mA	ON: current signal 0(4)-20mA input.	



4Nm/6Nm

DA4MU24-A/AS DA6MU24-A/AS
DA4MU230-A/AS DA6MU230-A/AS

Attention:

- 1. The Damper Actuator is not allowed to be used outside the specified field of application, especially in aircraft.
- 2. The enclosure of the actuator equipment may only be opened by the manufacturer. It contains no components which the user can replace or repair.
- 3. The device contains electrical and electronic components and is not allowed to be disposed of as household refuse. All locally valid regulations and requirements must be observed.

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GENERAL DAMPER ACTUATOR
ManualInstruction



Modulating

- For operation of air control dampers in HVAC system
- Torque: 4Nm/6Nm
- Nominal voltage: AC/DC 24V AC100~240V
- Control: 0(2)...10VDC/0(4)...20mA
- Feedback: 0(2)...10VDC/0(4)...20mA
- AS type include 2 groups of auxiliary switches.

Technical specification

	DA4MU24-A/AS	DA6MU24-A/AS	DA4MU230-A/AS	DA6MU230-A/AS
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Electrical data

Nominal voltage	AC/DC 24V 50/60Hz	AC100-240V 50/60Hz
Power consumption	3W@Nominal torque/0.5W@holding	3W@Nominal torque/0.8W@holding
Wire sizing	0.5mm ²	

Function data

Damper size	< 0.4m ²	< 0.6m ²	< 0.4m ²	< 0.6m ²
Running time	< 50s(95°)	< 70s(95°)	< 50s(95°)	< 70s(95°)
Direction of rotation	Selectable by switch			
Manual override	Gearing latch disengaged by pushbutton, self-resetting			
Angle of rotation	Max.95°, adjustable by mechanical stops			
Sound power level	45dB			
Position indication	Mechanical			

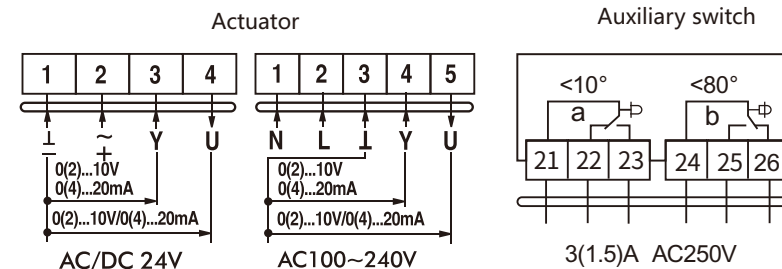
Working/conditions

Protection class	III (safety low voltage)	II (totally insulated)
Protection level	IP44	
Ambient temperature	-20...+50°C	
Inventory temperature	-30...+80°C	
Humidity test	95%RH, non condensing / EN 60730-1	

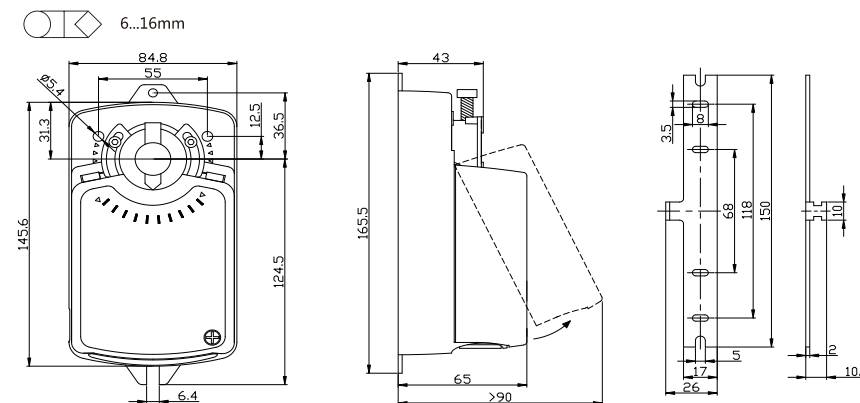
Dimensions/Weight

Dimensions(L×W×H)	See"Dimensions"
Shaft length	> 50mm
Shaft diameter	○ 6...16mm □ 8x8...12x12mm
Weight	< 0.7kg

Wiring Diagram



Actuator Dimensions(mm)



Switch The Direction Of Rotation

Factory setting: Terminal 1,2 has power supply,
the actuator rotates anticlockwise.

Power supply	Terminal1,2	Terminal1,3
direction of rotation	anticlockwise	clockwise

The direction of rotation can be changed by the
motor pin.

