

Executes equipment

NACA.-08/16/24

On/Off floating action electric damper actuator

[Description]

The NACA series electric damper actuator is usually applied for cooling, heating, ventilation or the air flow control of an industrial process. It may also work with the other devices to control temperature, humidity or pressure.

[Features]

The electric damper actuator NACM1.X series combines a "gear box", "holder" and "electric control circuit" to be an actuator. It has the following features.

- ON-OFF, 3 points floating control.
- This series has 8~32Nm torque.
- Lock to the rotate bar.
Round: ϕ 10~20mm, Square: 10~16mm.
- Can parallel wiring 20 actuators together.
- 2 SPDT contact, can set position switch.
- CW or CCW motor directional control.
- Save energy when stop. Runs at low-noise.
- Manual operation and setting the rotate angle.
- Show damper position on its cover.



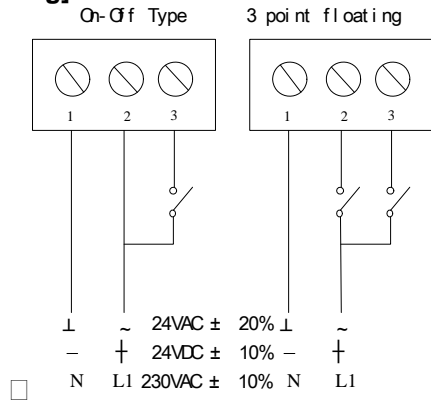
[Specification]

| Model | Torque | Damper size | Action time | Power supply | Power consumption | Weight |
|-----------|--------|------------------|------------------|--------------|-------------------------|--------|
| NACA 1-08 | 8 Nm | 2 m ² | 30. .45 Second | 24VAC/ DC | Running: 4W, stop: 0.5W | 1.2Kg |
| NACA 1-16 | 16 Nm | 4 m ² | 80. .110 Second | 24VAC/ DC | Running: 4W, stop: 0.5W | 1.2Kg |
| NACA 1-24 | 24 Nm | 6 m ² | 125. .160 Second | 24VAC/ DC | Running: 4W, stop: 0.5W | 1.2Kg |
| NACA 2-08 | 8 Nm | 2 m ² | 30. .45 Second | 220VAC | Running: 5.5W, stop: 1W | 1.2Kg |
| NACA 2-16 | 16 Nm | 4 m ² | 80. .110 Second | 220VAC | Running: 5.5W, stop: 1W | 1.2Kg |
| NACA 2-24 | 24 Nm | 6 m ² | 125. .160 Second | 220VAC | Running: 5.5W, stop: 1W | 1.2Kg |

Note: Model with (S) means the model has two assist contact switch.

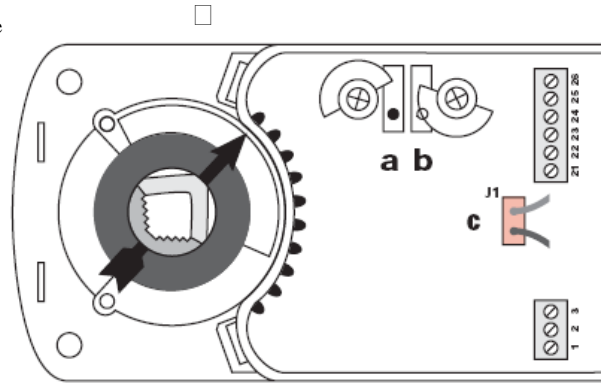
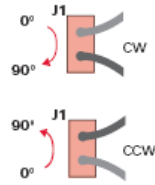
| | |
|-----------------------|--|
| Power Frequency | : 50~60HZ |
| Control signal | : ON- OFF, 3 points of floating types (FLOATING) |
| Wiring Capacity | : 6.5 VA |
| Contact Capacity | : 3A (1.5A) ,220 VAC |
| Rotation Angle | : 90° (can set up range 5~85°, each squares 5°) |
| Rotator Size | : Rotund: ϕ 10~20mm, square: 10~16mm. |
| Appearance | : ABS plastic (light blue) |
| Protect grade | : IP44 or IP54 with PG11 cable connector |
| Operation Temperature | : -20□~ 50□ |
| Operation Humidity | : 5~95 % RH |
| Noise | : 45dB |
| Certificate | : Accord with CE Certification |

[Wiring]

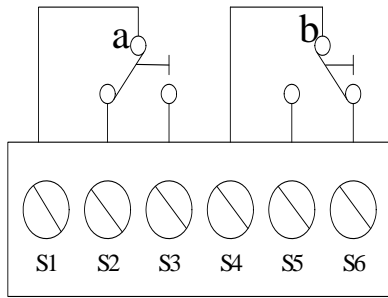


Change direction

Plug in C at opposite side to change rotation direction



[Auxiliary switches]



3(1.5) A 230VAC
Motor position at 0°

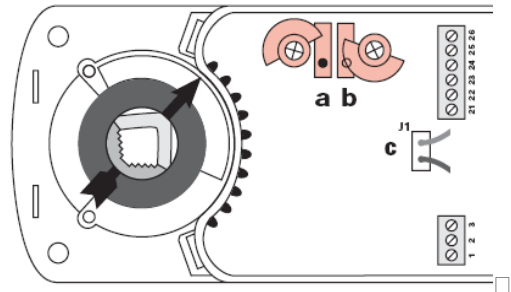
Assist switch setting

Default:

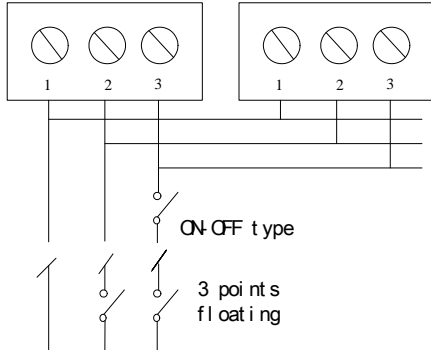
Switch a at 10°

Switch b at 80°

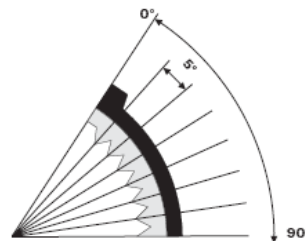
Manual rotate the switch



[Parallel Connection]



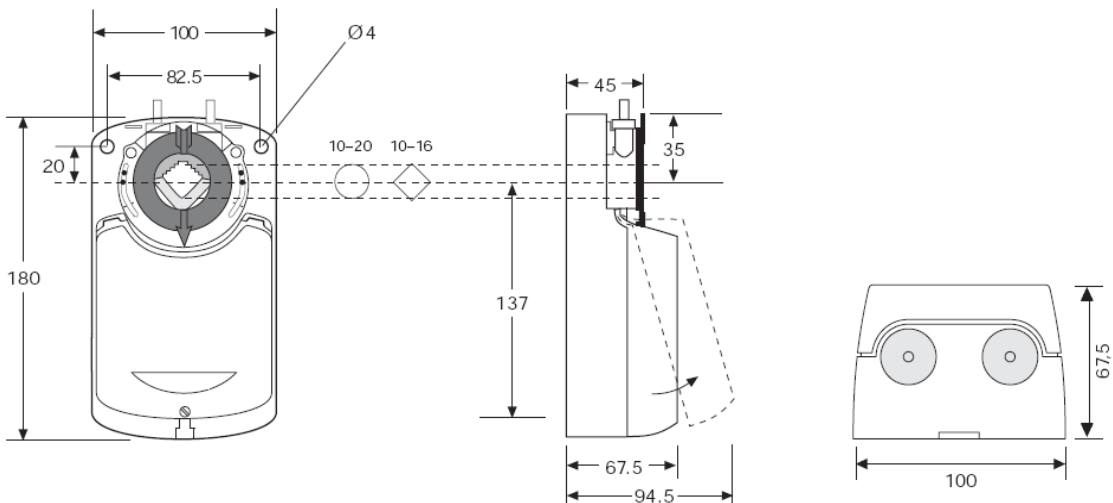
Angle-of-rotation limiting



Releasing the adapter



[Dimension] unit: mm



Above information is for this product. We reserve the right to alter this information without notice