



WITH SPRING RETURN SAFETY FUNCTION 5 Nm | OPEN-CLOSED CONTROL











NESA...-05(S)

NENUTEC spring return damper actuators have been developed to operate and position air dampers of different sizes that perform safety functions. For several application as frost hygiene and smoke control in technical building installations.

- Damper size 1 m²
- Power supply AC/DC 24V AC 230V
- 2 Point control
- 1 Auxiliary switch (SPDT)
- Shaft dimensions
 Ø 10 to 16 mm round / ☐ 7 to 11 mm square
- Minimum shaft length 40 mm
- Selectable direction of rotation by reversing actuator
- Adjustable angle of rotation (mechanical)
- Actuator with 1000 mm cable connection
- Customer version (on request)

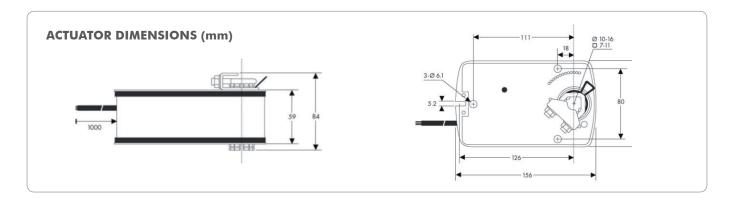
MODEL	SELECTION	TABLE
MODEL	SELECTION	IABLE

Torque	Running time (Power)	(Spring)	Power supply	Auxiliary switch	Model / Type
5 Nm	65 sec	15 sec	AC/DC 24 V ± 15%	No	NESA24-05
5 Nm	65 sec	15 sec	AC/DC 24 V ± 15%	1 x SPDT	NESA24-05S
5 Nm	65 sec	15 sec	AC 230 V ± 10%	No	NESA230-05
5 Nm	65 sec	15 sec	AC 230 V ± 10%	1 x SPDT	NESA230-05S





WITH SPRING RETURN SAFETY FUNCTION 5 Nm | OPEN-CLOSED CONTROL

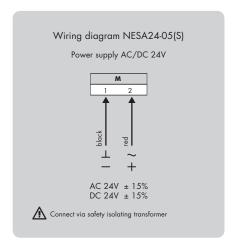


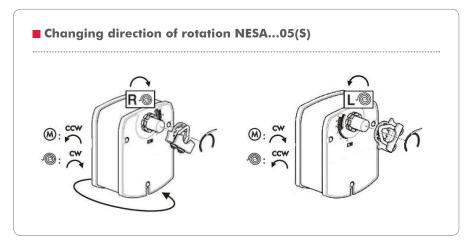
NESA230-05(S)	
1 mm square	
against splash water)	

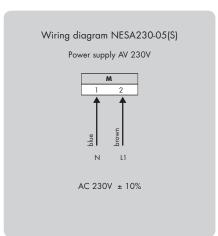


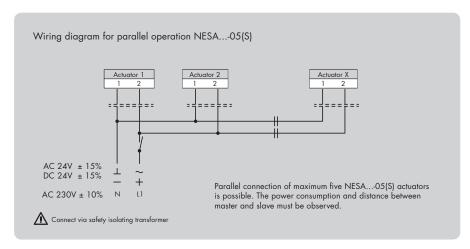


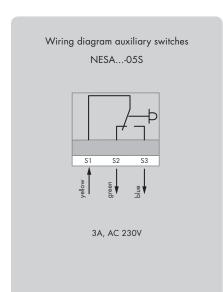
WITH SPRING RETURN SAFETY FUNCTION 5 Nm | OPEN-CLOSED CONTROL











■ Auxiliary switches

The auxiliary switch for NESA-05S actuator is not adjustable. The switching point for switch $\bf a$ is fixed at 85°.

Remark

For more details of installation and commissioning, please observe our mounting instruction manual M-NESA...-05(S) $\,$



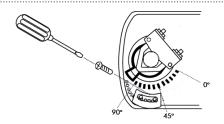


WITH SPRING RETURN SAFETY FUNCTION 5 Nm | OPEN-CLOSED CONTROL

■ Mechanical limiting angle of rotation NESA...-05 series

Adjustment of mechanical limiter

- 1. Take limiting element and screw delivered with the actuator
- 2. Place limiting element at appropriate position *
- 3. Tighten screw
- * Working range of 90° can be reduced up to 45° .



SAFETY NOTES

- The NE... actuators are not allowed to be used outside the specified field of application as described at the front page of this data sheet.
- Only to be installed by skill educated persons. Any legal regulations or issued by authorities must be observed during installation.
- The NE... actuator may only opened by NENUTEC manufacturer site. Device does not contain any parts that can be replaced by user.
- The electrical connection cable must not be removed from the NE... actuator.
- This actuator includes electrical and electronic components and may not be disposed as household garbage. Please consider the local valid legislation.
- AC 24V 50/60 Hz DC 24V: Connect via safety isolating transformer.
- AC 230V: To isolate from the main power supply, the system must incorporate a device which disconnects the phase conductor (with at least 3 mm contact



/!\ IMPORTANT REMARKS

This actuator includes electrical and electronic components and may not be disposed as household garbage. Please consider the local valid legislation.

AC/DC 24V: Connect via safety isolating transformer. AC 230V: To isolate from the main power supply, the system must incorporate a device which disconnects the phase conductor (with at least a 3 mm contact gap).

Consult NENUTEC representatives for specific requirements and material selections for your intended application. The entire content of this technical datasheet is protected by copyright with all rights reserved ©.

The performance specifications are nominal and conform to acceptable industry standards. NENUTEC shall not be liable for damages resulting from misapplication or misuse of its products.

CUSTOMISED VERSION

NENUTEC offers you actuators in customised versions, e.g. with your own brand name, with colour-coordinated applications and with your particular demand on request.

Please contact us for further information.

NENUTEC AG

Schachenstrasse 80 CH - 8645 Jona/SG - Switzerland T: +41 55 224 40 60

info@nenutec.com www.nenutec.com Distributor