

Spring-return actuator for adjusting dampers with safety functions (e.g. frost and smoke control, hygiene, etc.) in technical building installation

- Damper size up to approx. 0.5 m²
- Nominal torque 2.5 Nm
- Nominal voltage AC 230 V
- Control open-close


Technical data

| | | |
|------------------------|---|--|
| Electrical data | Nominal voltage | AC 230 V |
| | Nominal voltage frequency | 50/60 Hz |
| | Nominal voltage range | AC 85 V ... 265 V |
| | Power consumption in operation | 2.5 W |
| | Power consumption in rest position | 1.5 W |
| | Power consumption for wire sizing | 5 VA |
| | Connection supply / control | Cable 1 m, 2 x 0.75 mm ² |
| Functional data | Torque motor | Min. 2.5 Nm |
| | Torque spring-return | Min. 2.5 Nm |
| | Direction of rotation motor | Can be selected by mounting L / R |
| | Direction of rotation spring-return | Can be selected by mounting L / R |
| | Angle of rotation | Max. 95° |
| | Running time motor | 75 s / 90° |
| | Running time emergency control function | <25 s / 90° |
| | Sound power level motor max. | 50 dB (A) |
| | Spindle driver | Universal spindle clamp 6...12 mm |
| | Position indication | Mechanical |
| | Service life | Min. 60,000 security settings |
| Safety | Protection class IEC/EN | II protective insulated |
| | Degree of protection IEC/EN | IP42 |
| | EMC | CE in accordance with 2004/108/EC |
| | Low-voltage directive | CE in accordance with 2006/95/EC |
| | Certification IEC/EN | Certified to: IEC/EN 60730-1 and IEC/EN 60730-2-14 |
| | Principle of operation | Type 1.AA |
| | Overvoltage category | III |
| | Control pollution degree | 3 |
| | Ambient temperature | -30°C ... 50°C |
| | Non-operating temperature | -40°C ... 80°C |
| Ambient humidity | 95% r.h., non-condensing | |
| Maintenance | Maintenance-free | |
| Weight | Weight approx. | 0.6 kg |

Safety notes


- The actuator is not allowed to be used outside the specified field of application, especially in aircraft or in any other airborne means of transport.
- Caution: Power supply voltage!
- Only authorised specialists may carry out installation. All applicable legal or institutional installation regulations must be complied with during installation.
- The device may only be opened at the manufacturer's site. It does not contain any parts that can be replaced or repaired by the user.
- The cable must not be removed from the device.
- 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.

Product features

- Principle of operation** The actuator moves the damper to the operating position at the same time as tensioning the return spring. The damper is turned back to the safety position by spring energy when the supply voltage is interrupted.
- Direct mounting** Simple direct mounting on the damper spindle with a universal spindle clamp, supplied with a universal mounting bracket to prevent the actuator from rotating.
- High functional reliability** The actuator is overload protected, requires no limit switches and automatically stops when the end stop is reached.

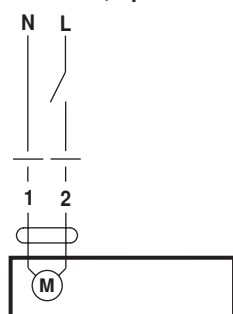
Electrical installation

**Notes**

- Caution: Power supply voltage!
- Parallel connection of other actuators possible. Observe the performance data.

Wiring diagrams

AC 230 V, open-close



Cable colours:
1 = blue
2 = brown

Dimensions [mm]

Dimensional drawings

