



Dampers up to approx. 3 m²

Open/Close actuator (AC 230 V)

2-wire control

Improved functional safety

The damper actuator has no limit switches and is overload-proof. It stops automatically when it reaches the damper or actuator end stop.

Easy functional check

A functional check of damper operation is simplicity itself: the gearing can be disengaged by simply pressing a pushbutton on top of the case. While the pushbutton remains depressed, the damper can be operated by hand.

Simple installation

The damper actuator is fitted with a universal spindle clamp for quick and easy mounting directly on the damper spindle. The actuator is supplied with an anti-rotation strap for fixing it in position.

Electrical accessories

- S1, S2 Auxiliary switches, page 13
- SZS Mid-position switch, page 14
- P... Feedback potentiometer, page 15

Mechanical accessories

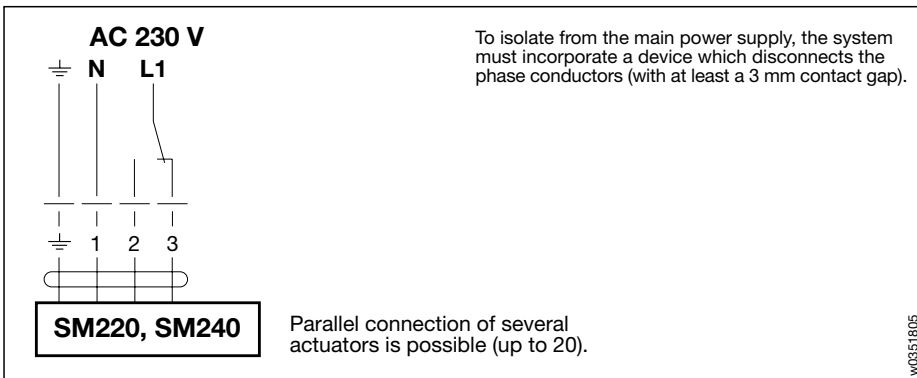
- ZG-SM2 Damper linkage kit, page 17
- ZDB Limit stop, page 17



Mounting instructions, page 18

Important

Read the notes about the use and torque requirements of the damper actuators on page 3.

Wiring diagram



Technical data	SM220, SM240
Nominal voltage	AC 230 V 50/60 Hz
Nominal voltage range	AC 198...264 V
For wire sizing	13 VA @ 50 Hz, 14 VA @ 60 Hz
Power consumption	13 W @ 50 Hz, 14 W @ 60 Hz
Connecting cable	0.9 m, 4×0.75 mm ²
Direction of rotation	reversible with switch A/B
Torque at rated voltage	min. 15 Nm @ 50 Hz min. 10 Nm @ 60 Hz
Angle of rotation	mechanically limited to 95°
Running time	≈ 80 s
Sound power level	max. 45 dB (A)
Position indication	0...10 (0 = stop ↻) and reversible indicator  
Protection class	I (with PE conductor)
Degree of protection	IP 54 (bottom cable entry)
Ambient temp. range	- 30... + 50 °C
Non-operating temp.	- 40... + 80 °C
Humidity test	to EN 60335-1
EMC Low Voltage Directive	CE according to 89/336/EEC, 92/31/EEC, 93/68/EEC CE according to 73/23/EEC
Maintenance	maintenance free
Weight	1600 g

Dimensions

