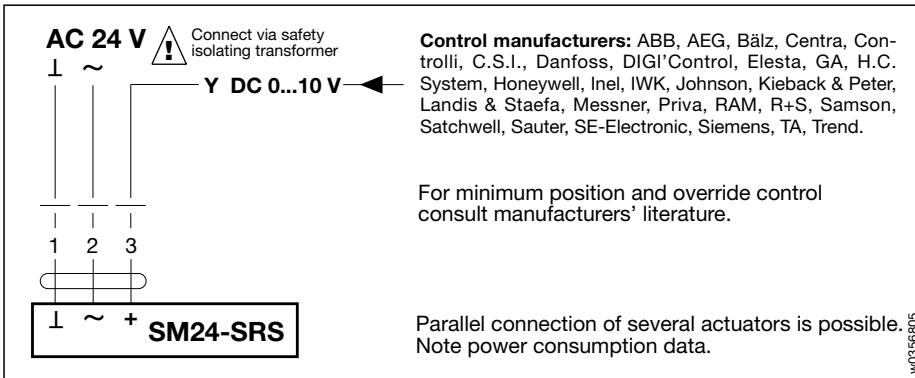




p0011707

Wiring diagram



Technical data	SM24-SRS
Nominal voltage	AC 24 V 50/60 Hz
Nominal voltage range	AC 19.2...28.8 V
For wire sizing	5 VA
Power consumption	3 W
Connecting cable	0.9 m long, 3×0.75 mm ²
Control signal Y	DC 0...10 V @ input resistance 100 kΩ (0.1 mA)
Starting point U ₀	adjustable DC 2.0...8.4 V (scale 0...80%)
Span ΔU	adjustable DC 1.6...8.0 V (scale 20...100%)
Factory setting	U ₀ = DC 2.0 V, ΔU = DC 8.0 V
Synchronisation tolerance	± 5%
Direction of rotation (at Y = 0 V)	reversible with switch A/B at switch position A ↻ resp. B ↻
Torque	min. 15 Nm (at rated voltage)
Angle of rotation	mechanically limited to 95°
Running time	100...200 s (0...15 Nm)
Sound power level	max. 45 dB (A)
Position indication	0...10 (0 = stop ↻) and reversible indicator
Protection class	⚡ (safety low voltage)
Degree of protection	IP 54 (bottom cable entry)
Ambient temperature range	- 30... + 50 °C
Non-operating temperature	- 40... + 80 °C
Humidity test	to EN 60335-1
EMC	CE according to 89/336/EEC, 92/31/EEC, 93/68/EEC
Maintenance	maintenance free
Weight	1400 g

Dampers up to approx. 3 m²
Modulating damper actuator (AC 24 V)

Control DC 0...10 V

Adjustable working range

Improved functional safety

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

Dimensions

